





## DEPARTMENT OF THE ARMY

U.S. ARMY COMMUNICATIONS—ELECTRONICS ENGINEERING INSTALLATION AGENCY FORT HUACHUCA, ARIZONA 85613

WPE-3155ND

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SUBJECT Test Report Heidelberg AMME-E Acceptance Test (Contract GS-00C-00058) Jubilication No. CCC-TED-79-TR-050

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Commander
US Army Communications Systems Agency
ATTN: CCM-TT-(H)-TA
Fort Huachuca, AZ 85613

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CCC-TED-79-TR-959

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### 1. REFERENCES:

- a. Communications-Electronics Mission Order (CEMO), B-70-FUS-009.
- b. GSA Contract GS-00C-00058, 6 Apr 73, with Sperry Univac Corporation for the Automated Multi-Media Exchange (AMME) Equipment.
- c. GSA Contract GS-00C-50167, 22 Aug 75, with Astronautics Corporation of America (ACA) for Modular AUTODIN Remote Terminal (MART) Equipment.
- d. Basic Implementation and Installation Plan (Basic IIP), AMME, Automated Telecommunications Center (ATCC), revised Nov 75.
  - e. USACEEIA Publication ACCC-TED-74-TR-121, 27 Mar 74.
  - f. USACEEIA Publication ACCC-TED-74-TR-146, 27 Sep 74.
  - g. DCAC 370-D175-1, DCS AUTODIN Interface and Control Criteria.
  - h. DCAC 370-D195-1, DCS AUTODIN Interface Category I Testing.
- i. DCAC 370-D195-2, DCS AUTODIN TEMPEST Category II Testing Requirements.
- j. DCAC 370-D195-3, DCS AUTODIN Category III Operation and Acceptance Desting.

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SUBJECT: Test Report, Heidelberg AMME-E Acceptance Test (Contract GS-00C-00058), Publication No. CCC-TED-79-TR-050

- k. DCAC 310-D-70-30, DCS AUTODIN Switching Center and Tributary Operations.
  - 1. JANAP 128 Automatic Digital Network (AUTODIN) Operating Procedures.
  - m. AR 105-31, Communications-Electronics Message Preparation.
- 2. STATEMENT OF THE TASK: This report delineates results of the Heidelberg AMME-E Acceptance Test conducted in accordance with the requirements of Contract GS-00C-00058. Testing was conducted in accordance with procedures contained in the US Army Automated Multi-Media Exchange Test Plan, CDRL Item No. (S) 30 and 32, Aug 76, with applicable revisions.

#### 3. BACKGROUND:

- a. The AMME Level Automated Telecommunications Center (ATCC) project is a portion of the Army Telecommunications Automation Program (ATCAP) developed by Commander, US Army Communications Command. The Commander, US Army Communications-Electronics Engineering Installation Agency (USACEEIA), was tasked by Commander, US Army Communications Systems Agency (USACSA) to provide technical and test support for implementation of the AMME project. The contract required Univac to engineer, furnish, and install (EF&I) an automated telecommunications system capable of processing and accounting for narrative and data record traffic at several command sites.) After implementation of the fifth AMME site at Bailey's Crossroads in Virginia, Telecommunications Automation Directorate (TAD) of USACEEIA assumed software maintenance responsibilities for existing and future AMME locations.
- b. The AMME-E is used as a store and forward switching system capable of interfacing more than one AUTODIN switching center (ASC). The AMME system provides the capability of operating with Interim Remote Terminals (IRT's), Standard Remote Terminals (SRT's) and Mode I terminals in addition to over-the-counter (OTC) services. The Heidelberg AMME-E system is configured with two interchangeable UNIVAC 9400 processors and the DCT-9000 for on-line peripheral control. One 9400 processor provides on-line message processing where as the second processor may be used for off-line job processing operations. In case of a processor failure peripherials and interfaces may be switched to the off-line processor.

c. A Modular AMME Remote Terminal (MART) is co-located with the Heidelberg area Phase I AMME level Automated Telecommunications Center. This provides the capability to introduce DD Form 173 messages into the

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AMME system through the use of an Optical Scanning Unit (OSU). In Phase II, the Heidelberg AMME will accommodate seven additional MART's to provide narrative and data services to customers within 50 miles of the AMME. The co-located MART is addressed in a separate test report.

- d. A Patch Test Facility (PTF) is installed at Campbell Barracks, Heidelberg, Germany, consisting of distribution frames, patch bays, installation and filter bays, COMSEC bays, miscellaneous equipment bays, and test equipment. The hardware test of the Heidelberg patch and test facility was conducted in accordance with an approved test plan. The hardware test verified that all items of equipment required for operating the transmission facility were properly installed and the site requirement was satisfied. The PTF is used for monitoring and test of interconnecting transmission lines between the AMME, ASC's and remote terminals.
- 4. RESPONSIBILITIES: Government Responsibilities. The Government is responsible for the following aspects of the test program:
  - Review and approve the Vendor-submitted test plan and revisions.
  - b. Appoint system test directors and assistants as required.
  - c. Conduct system test.
  - d. Evaluate system's hardware/software test results.
  - e. Perform QA inspections.
  - f. Evaluate system during 30 day operational period.
  - q. Report system test results and initiate acceptance actions.
  - h. Evaluate operator training.
- i. Conduct additional tests as necessary to demonstrate compliance for specific requirements.
  - Submit final test report.
- 5. SUMMARY OF RESULTS:
- a. The Heidelberg AMME requires a two-phase cutover. This test report addresses Phase 1.

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- b. The system audit and hardware test was conducted 22-27 Feb 79. Discrepancies as listed in Incl 1 were recorded and turned over to Univac for corrective action on 27 Feb 79. Univac agreed to provide corrective action for these discrepancies prior to start of the system test. Several hardware discrepancies remained outstanding after completing the T&A and 30 day performance periods. They are identified as follows:
  - (1) U-200 TEMPEST certified scopes not operational.
- (2) There are no hardware diagnostics for testing the Data Line Terminal (DLT) interface with the U-9400 processors.
  - (3) System audit discrepancies are identified in the TAR (Incl 2).
- (4) System hardware discrepancies are identified in the TAR (Incl 2).
- c. The Phase 1 Heidelberg AMME system acceptance test was conducted during the period of 24 Mar 8 Apr 79. Test results identified the system as contractually compliant, except as noted on the Technical Acceptance Recommendation (TAR). On 9 Apr 79, the Heidelberg AMME was cutover for live operation and the system's 30-day performance period commenced. The 30-day performance was contractually completed on 8 May 79.
- d. The Technical Acceptance Recommendation (TAR), Inclosure 2, contains AMME discrepancies recorded during the acceptance process. The TAR also contains a list of outstanding discrepancies which require corrective action by Univac and/or the Government.
- e. System testing was halted on 27 Mar 79 due to constant system failures. On 27 Mar 79, a Univac, Government meeting was held to discuss system hardware problems. It was agreed that AMME testing should be delayed until the hardware problems were corrected. System malfunctions included: High speed printer, paper tape reader, interface problems between processor A and B, and the Univac 9300. The test team assisted Univac personnel with debugging of the previously identified problems. Testing resumed 28 Mar 79.
- f. Eleven software discrepancies were recorded at the Heidelberg AMME TCC. These discrepancies were assigned to the Government for corrective action. Refer to the TAR (Inclosure 2) for details of the discrepancies.
- g. The following requirements were called-out for Heidelberg AMME and verified by the test team for compliance:

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- (1) Dual-home to Croughton and Pirmasens AUTODIN switching centers (ASC).
  - (2) Over-the-counter (OTC) card read/print capabilities.
  - (3) Optical scan unit (OSU) for DD 173 message input.
- (4) Read and punch paper tape subsystem 7/8 inch paper tape only. (Hardware adaptors for 11/16 inch paper tape capabilities not delivered by Univac during T&A).
- (5) Nine (9) track tape (send and receive 800/1600 bpi magnetic tapes).
  - (6) Automated traffic management (TFM) display of messages.
  - (7) Distribution of unroutable messages via TFM.
  - (8) Termination of service messages at the service printer.
  - (9) Automated routing of "personal for" to TFM.
  - (10) Standard AMME message processing features.
- (11) Automatic assignment of TRC codes on originated DD Form 173 messages.
- h. Additional software/hardware problems occurred during the 30-day performance period. Corrective action was taken by USACEEIA and contractor personnel to resolve these problems. Refer to the TAR, Incl 2, for detailed information. These problems were identified as:
  - (1) Magnetic tape controller failure.
  - (2) Paper tape reader transmit and receive.
  - (3) Erratic failures of retrieve routines from the TFM positions.
  - (4) Invalid TRC on outgoing messages.
  - (5) Unknown system aborts.
  - (6) DLT-70 lockups.
  - (7) Univac 9000 failures.

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- (8) Over-the-counter (OTC) active.
- (9) Servos 290, 291, and 294 failed to function properly.
- (10) Visual display units CCVB and CCVF.
- (11) Embedded control characters between AMME and the SRT.
- (12) Timeout conditions between the SRT and the AMME.
- i. Inclosure 3 contains pictures of the Heidelberg AMME and MART.
- 6. CONCLUSIONS: Formal test and acceptance of the Heidelberg AMME-E was conducted during 24 Apr 8 May 79. The test results revealed that the AMME-E met requirements identified in applicable documents. The following exceptions are noted:
  - a. System Audit discrepancies.
  - b. TEMPEST certified scopes not provided.
  - c. Hardware Discrepancies noted during 30 day performance.
  - d. DLT-70 interface diagnostic not available.
- e. Current amount of disk drives does not allow for maximum on-line storage retention of outgoing messages.
- f. Current high traffic volume of outgoing DD 173 narrative traffic requires installation of an additional MART.

#### 7. RECOMMENDATIONS:

- a. Recommend USACSA (DPM) review the system audit discrepancies and expedite corrective action by Univac.
- b. Recommend USACSA (DPM) closely monitor the contractor in providing the TEMPEST certified scopes in accordance with requirements.
- c. Recommend USACSA (DPM) review hardware discrepancies identified during 30-day performance and take appropriate action as required to assure discrepancies are being corrected.

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- d. Recommend USACSA (DPM) coordinate with the contractor to develop DLT-70 interface diagnostics and be prepared to demonstrate these diagnostics within a reasonable time.
- e. Recommend USACSA (DPM) provide four additional disk devices at Heidelberg TCC, to expand intransit files and satisfy a requirement for a minimum 10 days of on-line storage.
- f. Recommend USACSA (DPM) initiate action to acquire an additional MART to satisfy originated narrative traffic volumes and provide redundancy.

FOR THE COMMANDER:

3 Incl

CALVIN F. PHILLIPS
Colonel, Signal Corps
Director, Test & Evaluation
Directorate

CF:

COMMANDERS

5th Signal Cmd, ATTN: CCE-OP, CCE-PI, CCE-EN, APO New York 09056 USACC, ATTN: CC-OPS-TS, Fort Huachuca, AZ 85613 USACEEIA, ATTN: CCC-CED-SWR, CCC-CED-SET, CCC-PRSO, CCC-TD, CCC-TAD-TCC, CCC-TAD-TCC-TD, CCC-TAD-TCC-SB, CCC-TAD-TCC-SC, Fort Huachuca, AZ 85613

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# HEIDELBERG AMME

# INSTALLATION/EQUIPMENT DISCREPANCIES - UNIVAC

	EQUIPMENT	DISCREPANCY
(1)	MAG TAPE DRIVE O	Down - awaiting parts.
(2)	MAG TAPE DRIVE 4	Inoperative - need repair/adjustment.
(3)	MAG TAPE DRIVE 7	Inoperative - need repair/adjustment.
(4)	MAG TAPE DRIVE 8	Inoperative - need repair/adjustment.
(5)	U-200, CCVB	Inoperative - awaiting parts.
(6)	U-200, CCVF	Inoperative - awaiting parts.
(7)	U-200, CCVD	Will not come up with AMME.
(8)	PAPER TAPE PUNCH, SN C424	Does not punch tape properly.
(9)	MAG TAPE CONT, SN F1267	Down - awaiting power supply.
(10)	DISC CONT, SN 1566R	Can't access 183 disc drive.
(11)	MAG TAPE DRIVE 8	Lower panel damaged.
(12)	HIGH SPEED PRINTER, SN 37E	Side panel buckled and bent at bottom. Side door does not close properly.
(13)	U-200's (ALL)	TEMPEST kits not installed.
(14)	CARD PUNCH, SN F1167R	Side panel cannot be installed, wrong one shipped.
(15)	DISC CONT, SN 1566R	Spring loaded start/error reset switch broken.
(16)	SRT SHILDES in LTC-16 Shields in processors	Not grounded.
(17)	DLT-70, SN 346	Lower panel damaged.
(18)	DCT 9000, SN 2427R	Power panel missing.
(19)	OS4 Manuals	Have not been delivered.

## **EQUIPMENT**

(20) DCT 9000, SN 2427R

Printer top cover slightly warped/ bent out of shape.

DISCREPANCY

(21) LTC'16, SN F303 & F304 Will not work in secure mode.

(22) DLT-70's, SN 346 & 356

No diagnostics available. AMME won't run with DLT-70.

installed.

(23) DCT 9000, SN 2427R

Will not work in secure mode from PROC B. Secure cable to DCT 9000 has not been

TECHNICAL ACCEPTANCE RECOM		Y)					
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#### PROJECT DESCRIPTION

THE HEIDELBERG AMME SYSTEM IS INSTALLED IN BUILDING 22. CAMPBELL BARRACKS. HEIDELBERG GERMANY. IT IS HOMED TO TWO AUTODIN ASC'S AND HAS THE CAPABILITY TO SERVE THE HEIDELBERG AREA CUSTOMERS OVER-THE-COUNTER SERVICE FOR NARRATIVE. OSU. DATA CARD AND MAGNETIC TAPE TRAFFIC.

This Technical Acceptance Recommendation is executed by the onsite representatives of the installation, test and operating agencies. It does not constitute official acceptance of the project but does certify that the MAJOR ITEMS INSTALLED AND DOCUMENTATION PROVIDED are as stated herein. This document further certifies that the project has been installed and performs satisfactorily in accordance with the requirements listed under REFERENCES except as noted under EXCEPTIONS and REMARKS. Upon execution of this TECHNICAL ACCEPTANCE RECOMMENDATION, USACSEIA considers this project complete except for such follow-on action as may be necessary to clear the EXCEPTIONS stated herein.

F. TECH	NICAL ACCEPTANCE RECO R 702-2)	MMENDATION (INSTALLED 8	QUIPMENT	PAGE 2 DATE (DAY, MO.	
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11. TECHNICAL ACCEPTANCE RECOMMENDATION (EXCEPTIONS) PAGE 4	OF L PAGES
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GS-OUC-OUDS8 MEDIA EXCHANGE AMME HEIDELBER	
EXCEPTIONS  ENGINEERING INSTALLATION V OTHER	SUGGESTED ACTION AGENCY
1. INCL 2 LISTS ALL 4.5 SOFTWARE DISCREPANCIES IDENTIFIED PRIOR TO AND INCLUDING THE HEIDELBERG AMME ON-SITE SYSTEM TEST.	USACEEIA-TAD
2. INCL 3 LISTS HARDWARE DISCREPANCIES WHICH REQUIRE CORRECTIVE ACTION BY THE INSTALLATION AGENCY.	UNIVAC
3. INCL 4761272 272TEM DEFICIENCIEZ WHICH REQUIRE CORRECTIVE ACTION AS DETERMINED BY THE PROJECT MANAGER.	USACSA
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12. TECHNICAL ACCEPTANCE RECOMM	SENDATIONS (BEMARKS)	PAGE	5	OF	Ь	PAGES
12. TECHNICAL ACCEPTANCE RECOMM (CCCR 702-2)	TENDATIONS (NEMARKS)					
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PROJECT/CONTRACT NUMBER	TITLE AUTOMATED MULTI-MEDIA	CAMPR		RARR	ACKS	
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REMARKS: THE HEIDELBERG A	MME SYSTEM WAS ACTIVAT	FD TO	LIVE	TRA	FFIC	ON
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ALBERT I. NIEMEYER
COMPUTER SPECIALIST, GS-13

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IS CRECKEDS: 10 USC 7504(a) 10 USC 7504(a) ACRN: ACRN: 0001	Purchase of Site as list 0001CP, belowing SUExhibit 5-1	AMME Equipment of in SUBLINS (SECONDARY)	3112 Si	Posse No. 13 APPU	25 ONLY IP THIS is delivery as inches 2004(e)(6).	9073.0	\$33,28	30.00 41.00	\$66,5 501.6
SCHECKEDS TO USE TROOKS TO USE TROOKS ACRIN:  OOOLAA OOOLAA OOOLAA	Purchase of Site as list 0001CP, belowing SUExhibit 5-1 U-9400 PROC/Storage 196K	AMMY Equipment and in SUBLINS (	3112 Si for the cooland	Person Rec. 11 observed.  280+3T89762 -  10 Feed Reidelberg  Through  FEATURE  3019-00	25 ONLY IP THIS is delivery as inches 2004(e)(6).	9073.0	\$33,28	80.00 41.00 72.00	\$66,5 501.6
ACEN:  0001AA  0001AC	Purchase of Site as list 0001CF, belowing SUExhibit F-1 U-9400 PROC/Storage 196K Storage Exp.	AMMY Equipment of in SUBLINS (CON)  65K (196-262)	3112 Si for the cooland	Pero Re: H observe.  280+3T89762 -  1e Heidelberg  through  FEATURE  3019-00  7010-75	25 ONLY IP THIS is delivery as inches 2004(e)(6).	073.0	\$33,28	30.00 41.00	\$66,5 501,6
ACEN:  0001  0001AA  0001AC	Purchase of Site as list 0001CP, belowing SUExhibit 5-1 U-9400 PROC/Storage 196K	AMMY Equipment of in SUBLINS (CON)  65K (196-262)	3112 Si for the cooland	PEATURE 3019-00 7010-72	SI . 2111 , (	073.0	\$33,28 250,81 46.27	80.00 41.00 72.00	\$66,5 501.6 92,5
ACEN:  OOOLAA  OOOLAC  OOOLAC  OOOLAC	Purchase of Site as list 0001CP, belowing SUExhibit b-1  U-9400 PROC/Storage 196K Storage 186K Storage Exp. Selector Cha	AMMY Equipment of in SUBLINS (CON)  65K (196-262)	3112 Si	28043T89762  ne Heidelberg through  FEATURE 3019-00 7010-75 7010-72 F1092-00	E A. HUGE	ez ez ez ez ez	\$33,28 250,81 46,27,83	80.00 41.00 72.00 30.00	\$66,5 501.6
ACEN:  OOOLAA  OOOLAC  OOOLAD	Purchase of Site as list 0001CP, belowing SUExhibit B-1 U-9400 PROC/Storage 196K Storage 1xp. Selector Cha	AMME Equipment of in SUBLINS (SECON)  65K (196-262)	3112 Si	28043T89762 28043T897762 28043T897762 28043T89777777777777777777777777777777777777	E A. HUGE	ez ez ez ez ez	\$33,28 250,84 46,27,83	30.00 41.00 72.00 30.00	\$66,5 501.6 92,5
ACEN:  OOOLAA  OOOLAE  OOOLAE  OOOLAE  OOOLAE  OOOLAE  OOOLAE	Purchase of Site as list 0001CP, belowing SUExminit B-1 U-9400 PROC/Storage 196K Storage 1xp. Selector Cha	AMMY Equipment of in SUBLINS (CON)  65K (196-262)	3112 Si	28043T89762 28043T897762 28043T897762 28043T89777777777777777777777777777777777777	E A. HUGE	ez ez ez ez ez	\$33,28 250,81 46,27,83	30.00 41.00 72.00 30.00	\$66,5 501.6 92,5
ACEN:  OOOLAA  OOOLAE  OOOLAE  OOOLAE  OOOLAE  OOOLAE	Purchase of Site as list 0001CP, belowing SUExminit B-1 U-9400 PROC/Storage 196K Storage 1xp. Selector Cha	AMMY Equipment of in SUBLINS (CON)  65K (196-262)	3112 Si	Pero Re: H observed  Bo Fore 1155-100  28043T89762 -  De Heidelberg  Through  FEATURE  3019-00  7010-72  F1092-00  JACKI Capta	E A. HUGE	ez ez ez ez ez	\$33,28 250,81 46,2 7,83	80.00 41.00 72.00 30.00	\$66,5 501,6 92,5 15,6
OOOLAA OOOLAA OOOLAA OOOLAA OOOLAA OOOLAA	Purchase of Site as list 0001CP, belowing SUExminit B-1 U-9400 PROC/Storage 196K Storage 1xp. Selector Cha	AMMY Equipment and in SUBLINS (CON)  65K (196-262)	3112 Si	28043T89762  ne Heidelberg through  FEATURE 3019-00 7010-75 7010-72 F1092-00	E A. HUGE	ez ez ez ez ez	\$33,28 250,81 46,2 7,83	80.00 41.00 72.00 30.00	\$66,5 501.6 92,5
COOLAA  COOLAA	Purchase of Site as list 0001CP, belowing SUExminit B-1 U-9400 PROC/Storage 196K Storage 1xp. Selector Cha	AMMY Equipment of in SUBLINS (CON)  65K (196-262)	3112 Si	Person Rose H observed  Bo Fore 1155-100  28043T89762 -  10 Heidelberg  Through  FEATURE  3019-00  7010-72  F1092-00  JACKI  Capta	E A. HUGE	ez ez ez ez ez	\$33,28 250,81 46,27,83	80.00 41.00 72.00 30.00	\$66,5 501,6 92,5 15,6
OOOLAA OOOLAA OOOLAA OOOLAA OOOLAA OOOLAA	Purchase of Site as list 0001CP, belowing SU Exhibit B-1  U-9400 PROC/Storage 196K Storage 1xp. Selector Cha	AMMY Equipment of in SUBLINS (CON)  65K (196-262)	3112 Si	reads No. 13 APPLIANCE	E A. HUGE	ez ez ez ez ez	\$33,28 250,81 46,27,83	80.00 41.00 72.00 30.00	\$66,5 501,6 92,5 15,6
ACRN:  OOOLAA  OOOLAB  OOOLAB  OOOLAB	Purchase of Site as list 0001CP, belo Exhibit B-1  U-9400 PROC/Storage 196K Storage 196K Storage 1xp. Selector Cha	AMMY Equipment and in SUBLINS (CON)  65K (196-262)  mel 1	3112 Si	Person Rose H observed  Bo Fore 1155-100  28043T89762 -  10 Heidelberg  Through  FEATURE  3019-00  7010-72  F1092-00  JACKE  Capta	E A. HUGE	ez ez ez ez ez	\$33,28 250,81 46,27,83	80.00 41.00 72.00 30.00	\$66,5 501,6 92,5 15,6

STANDARD FORM 36, JUNY 1966 GENERAL SERVICES ADMINISTRATION FED PROC RED 141 PERI 114 104

## CONTINUATION SHEET

Contract No. GS-00C-00058 2

SPERRY UNIVAC, Federal Systems

ITEM NO.	SUPPLIES/SERVICES		QUANTITY	זואט	UNIT PRICE	AMOU
HEM NO.			CUANTIT	GRAIT	Oldii PRICE	AMOU!
	Following SUBLINS from Contract					
	Exhibit B-1 (Cont'd)	FEATURE			•	
0001AE	Selector Channel 2	F1092-01	2 -	22	\$ 7,830.00	
	Comm Adapter .	F1093-00	2-	23	1,960.00	
0001AG	DLT-70 Autodin I/F	8573-00	2-	25	28,800.00	57,6
PALCOO	AUX Table	F1396-00	10-	25	125.00	1,5
	Uniservo lo Control.	5017-00	1-	22	22,825.00	22,
0001AK	Dual Access Operation	F0899-99	2 -	35	17,866.00	17,
	Dual Channel	F0825-00	2 -	22	3,700.00	
0001 AM	Uniservo 16 (9 Track)	0862-04	9-	22	19,609.00	176,
OOOLAN		F1319-00	9-	22	2,284.00	20,
0001AP		C1609-02	9-	ea	NC	N
OCOLAQ		F0937-01	2		2.448.00	4,
٠٠٠ــ	(9-Trk NRZI)	10/5/ 02	· -			.,
94 1000	Line Terminal Control 16	8575-01	2-	28	22,185.00	44,
	Longitudinal, RED, Check	F1008-00	2 -	ea	1,735.00	
000145	Line Term Synchronous (2 Spare)	F1005-98	21-	22	2,375.00	
COOLAT	CI 2053 (MIL 188)	F1003-98	21-	ea	565.00	11,
	Dir Conn Module	8543-00			600.00	18
			30 44			
	DCT 9000 III Proc Printer	3030-99	1-	22	32,500.00	
COOLEX	Storage, 8K Bytes	7007-08	1-	ea	24,390.00	24,
	Selector Mux/Channel	F1104-00	1-	ee	3,330.00	3,
	9300 Channel Adapter	F1001-00	1-	22	3,700.00	3,
000134		0711-00	1-	ea	4,970.00	
	Multi-Strobe Read	F1097-00	1-	ez	1,145.00	1,
	Card Punch	0604-00	1-	22	9,920.00	
0007ED	Eage Notah	F1174-00	1-	ez	1,400.00	1,
000TE	Paper Tape Control	0920-02	1-	ea	7,540.00	
00013F	Paper Tape Reader	F1033-02	1 -	ez	1,600.00	1,
000133	Paper Tape Punch	71032-02	1-	ÉE	5,480.00	
COCLER		0768-02	1 1-	\$2	46,545.00	F€,
000131	Print Selection	C1508-02	1-	29	NC	
	Card Reader 9400	0711-05	1_1-	25	8,265.00	5,
	Validity Check	F1177-00	1-	ea	720.00	
	Card Punch	0604-00	1-	ez	9,920.00	9,
	Edge Notch	F1174-00	1-	ea	1,400.00	1,
000137	Dual Density (9TRK-NRZI	F0826-00	2-		4,785.00	9.
	SLINs OOGLAA through COOLER-List	Price (Table	B-1)		. 51	,304,
		Discount:				456.
		Net:				\$545,
		11 <del>6</del> 0.				₩ <b>~</b> ,.

	FORM 36, JULY 1966 CONTINUATI	ON CHEET	Contract N		38-00C-00058	*466   OF
SENTRAL SE	PVICES ADMINISTRATION COIN STRUCKT	ON SHEET	DO No. DAA			3
	GOR OF COMPACION UNIVAC, Federal Systems					
			QUANTITY	זואט	UNII PRICE	AMOUN
ITEM NO.	SUPPLIES/SERVICES		OUZMIII	0.00	ONII PRICE	22001
	Following SUBLINS from Contract					
	Exhibit B-2B	FEATURE			•	
000130		RPQ-W2351				\$-4,600.
00013R		. KB6-M5400		. منتر	2,588.00	20,704
000135	CMA Tempest Kit	RPQ-W2528	2.0	FA	748.00	1,496
COOLET	Meinschmidt Paper Tape	ZPQ-W2407	1 2+0	Vin	175.00	175
	Reader Adapter · /		1			·
0001BU	Kleinschmidt Punch Adapter	RPQ-W1533	1-1-	28	275.00	275
	SLINs 0001BQ through 0001BU-Li	st Price (Table	B-23, No I	isco	punt):	\$27,250
	Following SUBLINS from Contract					
	Exhibit B-2C					
OOOLBV	Peripheral Switch, R52561/RPQ		1 7 -	25	39,330.00	39,330
00015	(Electrical Transfer W2467 S	ritch \		-	39,330.00	1 37,330
	SLIN 0001 - (Table B-2C, No					
	Still 0001 - (12016 5-20, 110	DESCOURT,				\$39,330
						,,,,,,,
	Following SUBLINS from Contract	<u> </u>				
	Exhibit B-4A	FEATURE				1
	Char average		1 2-	L	1.9 31.9 00	96.696
00013W	8425 Disk Control	5024-99	2 -	1	48,348.00	
0001BX	Dual Channel Control .	F1043-00	2-	25	3,700.00	7,400
OOCIBY	Disc Drive	8425-00	4-		14,940.00	59,760
000132	Dual Access Disk Drives	F2001-00	4-	ez	2,268.00	9,072
OOOlca	Disk Pack .	F1214-01	20 -	ez	375.00	7,500
000103	Dual Channel	F1012-00	2 -	ea	3,885.00	7,770
	SLIMS 00015W through 000103-14	st Price (Table	±++×):	Ì	. \$	188,198
		25% Discount:	.			47.049
		Net:			-\$	141,149
	Following SUBLINS from Contract					
	Exhibit B-4B	FEATURE				
0001.00	W 000 W 4 D/ 1 W 1	25/0.00		-	1	1.
	U-200 Video Display Unit	3542-99	80000	ez	4,278.00	34,224
	2- X 80 Screen Protected Forma		1 0	ea	37.0	NC
	Keyboard	F1844-08	00	25	547.00	4,376
	96 Character Expansion	£50##-07	5-	ea	779.00	
000100	Symc. I/F	F1245-01	8-	29	519.00	4,152
	Mill 188 I/F	C1468-02	8 -	25	NC	NC
000103		F2382-00	10-	25	1,200.00	12,000
OOCICK	CMA Cabinet & 1st CMA (RPQ W-2	457) 8592-00	2-	35	3,500.00	7,000
	CAU/6 Bit MIL 186 I/F (2 Spare		12 -	35	NC	NC
0001CX	DOT 9000 Storage Exp 4K (8-12K	) F0890-03	1-	128	115.120.00	15.120

AFF NO OF DOC BEING CONTO SIANDARD FORM 30, JULY 1900 Contract No. GS-000-00058 CONTINUATION SHEET GENERAL SERVICES ADMINISTRATION DO No. DAABO7-78-F-0487 NAME OF OFFEROR OF CONTRACTOR SPERRY UNIVAC, Federal Systems ITEM NO. INU SUPPLIES/SERVICES UNIT PRICE QUANTITY AMOUN RPQ ITEMS FEATURE Red and Black Site Installation CN RPQ-5001-22 \$4,900.00 . 1 \$4,900 Cables, 50 ft. 287-1358 29.25 29 237 \$5,134 SUPTOTAL

-		A STATE OF THE PARTY OF THE PAR			4
	INDRX DISCREPANCY DESCRIPTION	DATK DETECTED	DATE CLOSED	CORRECTLY BACTION	REIARKS
4.5-0001	AMME unable to handle other than block by				
	block .	12 DEC 78			
.5-0002	IRT CSU	22 DEC 78	•		
4.5-0003	In and Out of Self-Test	1 FEB 78			
4.5-0004	Automatic Readdressals	7 FEB 78	87 Ful 19	:	
4.5-0005	Incorporated with 4.5-0002		dee 0002		·
4.5-0006	Paper Tape Messages	20 Jun 78	15 M2-78		
4.5-0007	No Full Duplex Transmit/Receive Capability	20 Apr 78			
4.5-0008			15 Man. 24		•
4.5-0009	CLOSED	8, Jun 78			Design Guidance by DF
4.5-0010	KM Response not as Required in SOR	25 JUL 78	RIFILM		
4.5-0011	"OTC IS ACTIVE"	30 Aug 78			
4.5-0012	Inablility of SRT to use Desired CIC	12 SEP 78			
4.5-0013	Altroutes by AMME with SRT in GSU Mode	13 SEP 78			9
4.5-0014	Line Errors on SRT Circuit	22 SEP 78	15 Man 7?		
4.5-0015	-SRT Control Messages (MAR and SVC)	22 SEP 78			
4.5-0016	CI.OSED		9 Nov 78		Design Guidance by DF
4.5-0017	AMME Xmission of System Control Messages	27 SEP 78			
4.5-0018	Character Count from SkT	28 SEP 78	W Mer 14	,	
4.5-0019	Sec Message, Xmission f.com DD173 SRT MSG ED	r 5 ocr 78	278419		
T	III		CCC-TAIL-TCC-ILB TH 91-		1
USAC.	9	Feb 78"		1 (Sum) 1	nd 1. AR 310-11

	LYE REIMRKS						Patal 4 833								9	On-Site LEAD	ALSO "T"		DESTGN			
1	DATE CLOSED ACTION	16 Mar 74	15 mar 79		25 Jan 79 PATCH	16 May 74	6 Mar 79			15 mary	25 Jan 79	15 Mar 19	15 mar 19	25 Jan 79	15 Mar 19	15 mar 29			15 mar 77	15 mar 2	15 mar 14	
	DATE DETECTED	6 OCT 78	a 14 0ct 78	14 Oct 78		On-Site LED	25 SEP 78	25 OCT 78	28 NOV 78	28 Nov 78		28 Nov 78	29 Nov 78		30 Nov 78	9 DEC 78	" . 9 DEC 78	SGS 14 DEC 78	10 DEC 78	10 DEC 78	18 DEC 78	
The second secon	INDEX DISCREPANCY DESCRIPTION	Security Input Error at Message Entry	SRT XMITS ASCII P.T. in Lower Case Chara	LCS Mode Problems	018010	Over-the-Counter Mag Tape Problem	Mag Tape Retrievals	No Tape Retrievals by TOD Time Span	SRT Documentation	OCMT Input Problem	CLOSED	Traffic Analysis - Management Stats	System Dump 1/29	CLOSED	System Design Problem	Input in excess of 500 cards	Inputs from DPI to AMME w/ Security "A"	LMF CC or DD from DPI over CLI (DATA MSGS	CIC with some special characters	Retrievlas by PAN and RRN	Processing of OCMT to AUTODIN	
	DISCR? No.	4.5-0020	1 5 0021	4.5-0022	4.5-0023	4.5-0024	4.5-0025	4.5-0026	4.5-0027	4.5-0028	.4.5-0029	4.5-0030	4.5-0031	4.5-0032	4.5-0033	4.5-0034	4.5-0035	4.5-0036	4,5-0037	4.5-0038	1.5-0039	

REIMRKS					Parket Contract	ration 694													7		RAL PURPOS. JRM
CORRECTLY R ACTION								-													GENE
DATE CLOSED ACTION	275179	25 Jan 70	15 May 70	475000	31 Jan 79	31 Jan 79	15 may 72	31 Jan 79	31 Jan 79	47E.L79	27 5.6.19		31 Jan 79	15 mes 24	27 8.1.79		27F.B19	18 000 845	16 May 24	15-Mar.74	1-16 NA 81-37
DATE DETECTED	19 DEC 78		18 DEC 78	18 DEC 78			.8 Jan 79			22 Jan 79	22 Jan 79	•		14 Jan 79		24 Jan 79	24 Jan 79	23 Jan 79	23 Jan 79	24 Jan 79	A CCO-TAIL
INDEX DISCREPANCY DESCRIPTION	Hopper Full condition on OCCA	CLOSED	Operator Instructions of Readressals	Closing of OCMT O requires re-boot	CLOSED	CLOSED	Piloted Messages with TRC	·CLOSED	CLOSED	Print-Out on Section Messages (SRT)	"OVERDUE CLEAR" Condition	OCMT input with a MINIS and ZOV	CLOSED	Rebuild from Balance Tape produced ZFD	Section Message numbers missing	Transmitting SIDPERS	System failed on Input Mag Tape	ROTC not Cleared for "A" SPECAT	Comeback copies to SRT	Force Route from SRT	FOURT 18 72 . PREVIOUS CHISIQUE JAN, 46 4460 , 100
DISCHP NO.	4.5-0040	4.5-0041	4.5-0042	4.5-0043	4.5-0044	4.5-0045	4.5-0046	4.5-0047	4.5-0048	4.5-0049	À.5-0050	4.5-0051	4.5-0052	4.5-0053	4.5-0054	4.5-0055	À.5-0056	4.5-0057	4.5-0058	4.5-0059	nsvcc.

		The same of the sa			
DISCHP NO.	INDEX DISCREPANCY DESCRIPTION	DATE DETECTED	DATE CLOSED	CORRECTLY R ACTION	REIVARS
4.5-0060	Incorporated		١		
4.5-0061	TFMs went into a Wait State	25 Jan 79	357 Pet 19		
1.5-0062	TRC Multipule RI - CLOSED	26 Jan 79		Patch 694	
4.5-0063	System Rebuild .	29 Jan 79 ,	15 War Wi		
4.5-0064	AMME in Loop	30 Jan 79	15 May 17	:	
4.5-0065	Format Line Four	30 Jan 79	27 Feb 19		Related to 4.5-0063
4.5-0066	SRT Gives out of Sequence numbering	8 FEB 79	27 Feb 7		
4.5-0067	Message Annotation on SRT invalid	8 FEB 7.9		<b></b> .	
4.5-0068	TFM Position will not accept commands	12 FEB 79	15 May 19		design - chair of 1
4.5-0069	TRC Requirements	16 Feb 79			Documentation
4.5-0070	SRT (0SU) DD173	16 Feb 79	9 may 19		
4.5-0071	SPECAT A & B Classification Markings	16 Feb 79	15 har 77		
4.5-0072	SRT OSU Input	16 Feb 79			TEITHES
4.5-0073	4.5-0073 RT DD173 Input	16 Feb '7 <sup>0</sup>			(T)
4.5-0074	CLOSED	14 FEB 79	20 FEB 79		
4.5-0075	CLOSED	14 FEB 79	20 FEB 79		
4.5-0076	CLOSED	16 FEB 79	2n FEB 79		
4.5-0077	CLOSED	16 FEB 79	20 FEB. 79		
4.5-0078	CLOSED	16 FEB 79	20 FEB 79		
4.5-0079	DD173 SRT Comeback Copies	16 FEB 79	15 mar 79		On Site Korea
)			•		
Ikara	Ford 99 PARVIOUS EDEIDAS JAN, 48 446 1	0 C - 12 CCC-1AB	GCG-17N-1CC-1(9 FR 91-1	14.1.1.1	GENERAL PURPOSE(M

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DISCHE				CORRECTIVE	
NO.	INDEX DISCREPANCY DESCRIPTION	DATE DETECTED	DATE CLOSED	ACTION	REMARS
4.5-0080	CLOSED	18 FEB 79	20 MEB 79		
4.5-0081	Two Section SPECAT Message	18 868-79			
4.5-0082	CLOSED	19 BBB 79	20 PEB 29		
4.5-0083	CLOSED	19 ABB 72	20 EEB 79		
4.5-0084	"MESSAGE UNROUTABLE" Advisory	20 PBB 79	15 mar 71		C
4.5-0085	OPERATOR MANUAL - OTC INSTRUCTIONS	24 MAR79			
4.5-0086	SRT/AMME HANG-UP ON COMERACK COPY	L APR 74			
4.5-0087	DATA DUPLICATION FROM SRT TO AMME	h APR?T			
4.5-NABB	SRTZAMME PROBLEM ON SECTION MSG	h APR 29			•
4.5-0089	INPUT FROM PAPER TAPE READER PORTIONS OF MSG TEXT ON CONSOLE				
1. 5-0090		L APR 79			
4.5-0091	OPERATOR MANUAL NEEDS TM24-TM29	10 APR 79			
4.5-0092	DCT-9000 GOES INTO LOOP - CD TRAFFI	10 APR 79			
4. S-0093	AMME ADVISORIES OF AVAILABILITY	10 APR 74			
4.5-0094	SYSTEM ABORT - DOUBLE BUFFER RELEASI	1.0 APR 29			
4.5.00%	NO AUDIT THAIL BETWEEN SAT DO 173 INJUST	16 APR 79			
	•	•			
					<b>.</b>
					2
1		(			
USAL	roum 12 72 PREVIOUS EDITIQUE JAN, 4E 4550 , 6	The Articocarrants	77 'CCC-1715'''''''''''''''''''''''''''''''''''		GENERAL PURPOS (Suppl 1, AR 310-1)

BISCREPANCY SHEET	
Procedures	Discrepancy No: 4.5-0001
Date:12 Dec 77	Software XXX
tocation: SSC	Documents non-
•	. Woerator
	Other
	o handle other than block-by-block mode.
When the entry modes on the SRT are	other than AMME block-by-block the system
dumps. Provisions should be made to	o reject the transmission without bringing the
ANDRE system down.	
Ref. TAD Discrenancies: LEAD-4 0-0	074 LEAD-4-0-0021, 3XR-4:0-0007, KOR-4:0-0002
BALT-4.5-F	H-0001, BAR-4.5-002, LD -4.5-FH-0002
QAR-4,5-00	02,
Intractive Action:	Date:
PRIETRIAE WERIGHT	
Sent to design 22 June 78. SB says	cannot fix by software. Need DF to SD to expla
	cannot fix by software. Need DF to SD to expla
that continuous will cause system t	
that continuous will cause system t	
that continuous will cause system t	
that continuous will cause system t	cannot fix by software. Need DF to SD to expla
that continuous will cause system t	

HO CEELA CCC-TED-TS FH 27-2

TISCREPANCY SHEET	
Procesiting, Thereign	77.773)
Procedure:	Discrepancy No: 4.5-0002
22 DEC 78	Software XXX
	hardware
cation: ssc	(Uncument: 11 on )
	Other
scription of Problem: IRT CSU	
	System fiels with sub-system check when trying
to pass data bewteen the IRTs. Co	SU EOM sequence also caused program to fail
Ref. TAD Discrepancies: BXR-4.0-	0008, LEAD-4.0-0093, EDR-4.0-0003, BALT-4.5-0002
SXR-4.5-0	003 , LED 4.5-FH-0003 , OAK-4.5-0003
• BXR-4.5-0	003 , LED 4.5-FH-0003 , OAK-4.5-0003
• • • • • • • • • • • • • • • • • • •	003, LED 4.5-FH-0003, OAK-4.5-0003
frective Actions	
frestive Action: Sent to design 22 June 78.	βats: 22 June 78
frective Action: Sent to design 22 June 78.	βate: 22 June 78
frective Action: Sent to design 22 June 78. 15 Sept 78 - No way of testing IR	βats: 22 June 78
frective Action: Sent to design 22 June 78. 15 Sept 78 - No way of testing IR	βats: 22 June 78
frective Action: Sent to design 22 June 78. 15 Sept 78 - No way of testing IR	βats: 22 June 78
frective Action: Sent to design 22 June 78.  15 Sept 78 - No way of testing IR	βats: 22 June 78
frective Action: Sent to design 22 June 78. 15 Sept 78 - No way of testing IR	βats: 22 June 78
frective Action: Sent to design 22 June 78.	βats: 22 June 78
frective Action: Sent to design 22 June 78. 15 Sept 78 - No way of testing IR	βats: 22 June 78
frective Action: Sent to design 22 June 78. 15 Sept 78 - No way of testing IR	βats: 22 June 78
frective Action: Sent to design 22 June 78.  15 Sept 78 - No way of testing IR we clear this off (AIN)	βats: 22 June 78
frective Action: Sent to design 22 June 78. 15 Sept 78 - No way of testing IR	βats: 22 June 78
frective Action: Sent to design 22 June 78.  15 Sept 78 - No way of testing IR we clear this off (AIN)	βats: 22 June 78
frective Action: Sent to design 22 June 78.  15 Sept 78 - No way of testing IR we clear this off (AIN)	βats: 22 June 78

DISCREPANCY SHEET	
Proceduré:	Discrepancy No: 4.5-0003
lata: 1 Feb 78	Software XX
ocation: ssc	Hardware
	Other
escription of Problem: In out o	
There are numerous inconsista	ncies in the AMME system when going in and out
	times the SRT line is logged down when going in and
	role and ADV. At other times, the SRT is not logged
	entered from the SRT to the AMME. On other occasions;
normal operations can be resu	med after going in and out of selt-test at the SRT.
Ref. TAD Discrepancies: SRT-	-FE-4.0-0001, KOR-4.0-0036, BLT-4.5-0015, BXR-4.5-004 -
· To.	-4.5-EH-0004; CAK-4.5-0004
Directive Action:	Date:
No TFC in process - input ou	tput line errors in both directions ·
TFC in process wither direct	ion - TFC resumes after SRT goes out of test. No
line errors .	
Retust	

DISCREPANCE SHEEF Discrepancy No :: KOR-FH-4,5-0005 Software XX Cate: .... : בתבאסופה Documents non-Uperator Description of Problem: AMME remote terminal (IRT) Circuit Switch Unit (CSU) IRT CSU functions does not work. AMME system fails with sub-system check when transmitting data between remote IRT terminals. Also CSU mode end-of-message sequence causes the program to fail. REference Discrepancies- LEAD-FH-4.0-0006 - OAK-4.5-0006 Corrective Action: This problem is considered to be minor as the remote terminals normals normal message switching mode (MSU) is satisfying all current traffic requirements. Without doubt (CSU) concept for passing live data in this mode can be improved. Recommend this problem to be addressed in a AMME design meeting VENDOR TEST CIRECTOR GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEE		
Senecalling, Street	10.655-33-35-36	
rocedure:		Discrepancy No: 4.5-0007
		hardware.
estion: ssc		Document: 100
		Inther
scription of Problem	To Full Deuplex 1	Fransmit/Receive Capability SKT
o self-eddressed car	rd messages were tra	unsmitted from the SRT. After completion
transmission of the	e di sub massage the	second message continued to transmit. The
•		
	•	eived at the SRT. No further receipt of the
rat message was acc	omplished until all	of the second message was transmitted from
e SRT. (Intermitte	nt problem)	
		(ma_tastasi)
		(re-tested)
		(re-tested)
E. TAD Discrepancie	s: QAK-4.C-0037, N	(re-tested)  #  OR-4.0-0009-SC, BALT-4.5-0008 , BXR-FH-4.5-000
LED-4.5-0008	s: QAK-4.C-0037, R	DR-4.0-0009-SC, BALT-4.5-0008 , BXR-FH-4.5-000
LED-4.5-0008		
LED-4.5-0008		DR-4.0-0009-SC, BALT-4.5-0008 , BXR-FH-4.5-000
LED-4.5-0008		DR-4.0-0009-SC, BALT-4.5-0008 , BXR-FH-4.5-000
LED-4.5-0008		DR-4.0-0009-SC, BALT-4.5-0008 , BXR-FH-4.5-000
LED-4.5-0008		DR-4.0-0009-SC, BALT-4.5-0008 , BXR-FH-4.5-000
LED-4.5-0008		DR-4.0-0009-SC, BALT-4.5-0008 , BXR-FH-4.5-000
LED-4.5-0008		DR-4.0-0009-SC, BALT-4.5-0008 , BXR-FH-4.5-000
LED-4.5-0008		DR-4.0-0009-SC, BALT-4.5-0008 , BXR-FH-4.5-000
EED-4.5-0008		DR-4.0-0009-SC, BALT-4.5-0008 , BXR-FH-4.5-000
EED-4.5-0008		DR-4.0-0009-SC, BALT-4.5-0008 , BXR-FH-4.5-000
EED-4.5-0008		DR-4.0-0009-SC, BALT-4.5-0008 , BXR-FH-4.5-000
		DR-4.0-0009-SC, BALT-4.5-0008 , BXR-FH-4.5-000
		DR-4.0-0009-SC, BALT-4.5-0008 , BXR-FH-4.5-000
		DR-4.0-0009-SC, BALT-4.5-0008 , BXR-FH-4.5-000

ocedure:		Discrepancy No: 4.5=0011
30 Aug- 78		Saftware
clone-SSC		Uncument tonament
		Uperator.
ription of Prob	ilen: "OTC IS ACTIVE"	
		en certain error conditions are encountered
		out a restart must be done in order to
ecover from thi		
SCOVET TIOM CUIT	S COURT CANA	
1.79.		
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******		
TAN Discrepa	meies: BLT-FH-4.5-003	36, BXX-4.5-0014, LED-GH-4.5-0012
	meies: BLT-FH-4.5-00:	36, BXX-4.5-0014, EED-GH-4.5-0012
TAN Discrepa		36, BXX-4.5-0014, LED-GH-4.5-0012
W-4.5-0012		
IF TAD Discreps  NE-4.5-0012  ective Action:		
IZ-4.5-0012 ective Action:		
IZ-4.5-0012 ective Action:		
IZ-4.5-0012 ective Action:		
IZ-4.5-0012 ective Action:		
E TAD Discreps  1E-4.5-0012  ective Action:		Dates
E TAD Discreps  1E-4.5-0012  ective Action:		Dates
E TAD Discreps  1E-4.5-0012  ective Action:		Dates
E TAD Discreps  1E-4.5-0012  ective Action:		Dates
EF TAD Discreps  NE-4.5-0012  ective Action:		Dates

NO CEETA CCC-TED-TS FH 27-R

Concerniting, Streetings	
Procedure:	Discrepancy No: 4.5-0012
12 Sep 78	Software - II
ecation: SSC	Inardware  Oncument: 10m
	Other DESIGN
escription of Problem: Inability o	
*****************************	book messages from SRT VDU. This occurred on a
THE RESERVE OF THE PROPERTY OF THE PARTY OF	YES" in book: "ZION was overlayed by "ZEXW" on
The second secon	
output.	
REF TAD Discrepancies: BLT-FH-4.5	-105 - 522-4.5-0015. LED-FE-4.5-0013 nak-4.5-0013
REF TAD Discrepancies: BLT-FH-4.5	5-16-5 - EZZ-4.5-0015, LED-FH-4.5-0013, OAK-4.5-0013
	Pate:
rrective Action:	
Prective Action:  L3 Sep 78 - Reply from Terminels:	No coding was found in Rel 209 to support
rective Action:  13 Sep 78 - Reply from Terminals: changing of the CIC to "ZEXW". Re	Date:
Prective Action:  13 Sep 78 - Reply from Terminels:	No coding was found in Rel 209 to support
rective Action:  13 Sep 78 - Reply from Terminals: changing of the CIC to "ZEXW". Re	No coding was found in Rel 209 to support
rescrive Action:  13 Sep 78 - Reply from Terminals: changing of the CIC to "ZEXW". Re	No coding was found in Rel 209 to support
rescrive Action:  13 Sep 78 - Reply from Terminals: changing of the CIC to "ZEXW". Re	No coding was found in Rel 209 to support
rescrive Action:  13 Sep 78 - Reply from Terminals: changing of the CIC to "ZEXW". Re	No coding was found in Rel 209 to support
L3 Sep 78 - Reply from Terminals: changing of the CIC to "ZEXW". Re	No coding was found in Rel 209 to support
urective Action:  L3 Sep 78 - Reply from Terminals:  changing of the CIC to "ZEXW". Re	No coding was found in Rel 209 to support
L3 Sep 78 - Reply from Terminals: changing of the CIC to "ZEXW". Re	No coding was found in Rel 209 to support
urective Action:  L3 Sep 78 - Reply from Terminals:  changing of the CIC to "ZEXW". Re	No coding was found in Rel 209 to support
urective Action:  L3 Sep 78 - Reply from Terminals:  changing of the CIC to "ZEXW". Re	No coding was found in Rel 209 to support

HO CEELA CCC-TED-TS FM 27-R

Procedure:		Discrepancy No: 4.5-0013
Ete: 13 Sep 78		Software
ocation: SSC		Document: non uperator.
escription of Prob	len: Altroutes by Al	ME when SRT is in CSU Mode.
Altroutes ma	ide to the SRT circui	ts while they are in CSU mode results in the
CSU mode being dr	opped.	
REF TAD Discrepen	cies: BLI-4.5-046 .	BXX-4.5-0016, LED-FH-4.5-0014, CAK-4.5-0014
	cies: BLI-4.5-046 -	BX3-4.5-0016, LED-FH-4.5-0014, OAK-4.5-0014.
Derective Action:	cies: BLI-4.5-046 >	BX3-4.5-0016, LED-FH-4.5-0014, OAK-4.5-0014.
Derective Action:	cies: BLI-4.5-046 .	BX3-4.5-0016, LED-FH-4.5-0014, OAK-4.5-0014.
Derective Action:	cies: BLI-4.5-046 .	BX3-4.5-0016, LED-FH-4.5-0014, CAK-4.5-0014
Derective Action:	cies: BLI-4.5-046 .	BX3-4.5-0016, LED-FH-4.5-0014, OAK-4.5-0014.
Derective Action:	cies: BLI-4.5-046 .	BX3-4.5-0016, LED-FH-4.5-0014, OAK-4.5-0014.
Derective Action:	cies: BLI-4.5-046 .	BX3-4.5-0016, LED-FH-4.5-0014, OAK-4.5-0014.
Derective Action:	cies: BLI-4.5-046 .	BX3-4.5-0016, LED-FH-4.5-0014, OAK-4.5-0014.
Derective Action:	cies: BLI-4.5-046 .	BX3-4.5-0016, LED-FH-4.5-0014, OAK-4.5-0014.

HO CEELA CCC-TED-TS FM 27-R

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DISCREPANCY SHEET	
BISCRE AITCH SHEET	
7	
ocedure:	Discrepancy No: 4.5-0015
te: 22. Sep. 78	Software
estion: SSC	Document: non
	Uperator
	Other Design
scription of Problem: SET Con	nerol Messages (NAR and SVC)
a. Narrative type contr	ol messages - the SUR indicates a narrative control
Target of the law than three	lines will be output to the consule. As designed, this
woods atm the min clies	inter with the dutyde to the commute. As designed, this t
type message is output to the	service printer and flagged at the console as being
in the system. If it has over	r three lines, the SOR indicates it will be output to the
Service printer. As designed	, ir functions the same as less than three lines.
Marrative messages are output	in JANAF 128 format.
b. Service messages - Ti	he SOR indicates service messages to be outputto the
neiner le darimed them a	re output to the console. These messages are not fri
P 128 format but in plain	language with circuit module name proceeding each
console line.	
- Can not originate a en	VETER CONTROL MARGOOD FORM AMAR Sup SOR forteres to
	The SOR indicates a system message is not accountable
in system state. Natrative to	estages are accountable since they are in IANAP 128
forms.	
d. The SOR indicates sys	stem control reject messages will give reason for re-
ject. As designed, no reason	
	o types of service messages, those requiring a response
TION AFTE AND MICES FEGULIARS	no operator intervention. These are not specifically
identified in the SOR.	
SEE ATTACHED FOR CORRECTIVE AC	CTION.
VENDOR TEST DIRECTO	GOVERNMENT TEST DIRECTOR

TSCREPANCY SHEET	
	Discrepancy No: 4.5-0015 (CONT)
22-5ep-18-	Software
estion:	Document: Ton-
CORRECTIVE ACTION:	DATE:
CHARACTIVE ACTION	
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The state of the s	
	and the second of the second o
HEF TAD Discrepancies: BLT-FH-4.	5-072, BXR-FR-4.5-019 1ED-4.5-0017. OAK-2.5-0017
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the state of the s	
MISCREPANCY. SHEET	
(Americing Clusterings Com	
ocedure:	Discrepancy No :- 4.5-0017
te: 27 Sep 78	Software
escion: SSC	hardware
Carcion 2	Oncument: Non AMME & SRT
Commence of the second	Other Uzbion
scription of Problem: AMME transm	mission of system control messages.
	a lamat
William Charles are while system	control message capability to the SRT. "STSC" is
placed in the CIC position at mess	age entry.
If there is a "I" in the	second LMF position, the message is logged complete
the SAT but there is no deliver	an an about anoma
m cre per per crete 12 m dell'Agi	ty to the art output.
b. If there is a mask displa	ayed (Format Selection Matrix) when a system control
ressage is received at the SRT, is	t is not possible to output the message to the VDU
	•
THE SET OF THE CHARGE OF DEGRETARES	. If ther is a "CC" in the LMF field, the massage
is delivered to the SRT except if	the Format Selection Matrix is displayed at the
is delivered to the SRT except if	
is delivered to the SRT except if	the Format Selection Matrix is displayed at the
is delivered to the SRT except if	the Format Selection Matrix is displayed at the
is delivered to the SRT except if	the Format Selection Matrix is displayed at the
is delivered to the SRT except if	the Format Selection Matrix is displayed at the
is delivered to the SRT except if	the Format Selection Matrix is displayed at the
is delivered to the SRT except if	the Format Selection Matrix is displayed at the
is delivered to the SRT except if	the Format Selection Matrix is displayed at the
is delivered to the SRT except if	the Format Selection Matrix is displayed at the
is delivered to the SRT except if	the Format Selection Matrix is displayed at the
is delivered to the SRT except if	the Format Selection Matrix is displayed at the
is delivered to the SRT except if console	the Format Selection Matrix is displayed at the
is delivered to the SRT except if console	the Format Selection Matrix is displayed at the
is delivered to the SRT except if console	the Format Selection Matrix is displayed at the
is delivered to the SRT except if conscient	the Format Selection Matrix is displayed at the
is delivered to the SRT except if conscient	the Format Selection Matrix is displayed at the
is delivered to the SRT except if immscle	the Format Selection Matrix is displayed at the
is delivered to the SRT except if immscle	the Format Selection Matrix is displayed at the
is delivered to the SRT except if	the Format Selection Matrix is displayed at the
is delivered to the SRT except if moscle ective Action:  REF TAD Discrepancies: BLT-FR-4.	Date:  Date:  S-081, BX3-FH-4.5-024, LED-FH-4.5-0020, OAK-4.5-0020
is delivered to the SRT except if	the Format Selection Matrix is displayed at the

CERTA CEC-TED-TS FM 27-8

DISCREPANCY SHEET Discrepancy No: 4.5-0022 Procedure Date: 14 Oct 78 Software · \*\* hereware Location: -Document non X ucerator Desiza Description of Problem: LCS Mode Problems. I. Operator Manual (SRT) page 7-310-I Verb Option - Connect (Distant RI) - the AMME Software is not designed to do anything with the Distant End RI in this position 2. Operator Manual (SRT) page 7-31D. Precedence and Classification fields are reversed in the legend. 3 .- SOR Armer I - Item 8 indicates "Connect made to terminal (3LTR RI)". This notification is sent to the distant terminal. No notification of connection is madeto the terminal that requested the connection. Also the notification received at the distant terminal does not identify the requesting terminal. 4. After sending a control LCS message from the SRT, another control message. ask appears at the SRT. Operator must press CIRL CED to remove that mask from the screen. The operator must then press COMM MODE and enter LCS block-by-block, remove the previous selection in the mask and then press SEND. Then press CTRL CO to get the message format selection mask. These procedures do not appear in the SRT coerators manual. 5. Then a format is selected the LCS mode may be used to transmit a standard. format from one SRT to another. Due to the SRT design, no free-form messages can be sent. Also the operator at the receiving end must know shead of time what media the sending SRT is using before the SRT operator can select the proper output device for

GOVERNMENT TEST DIRECTOR

VENDOR TEST DIRECTOR

the second secon	
DISCREPANCY SHEET	
Procedures .	Discrepancy Mo: 4.5-0022 (CONT)
Date: 14-0e: 78	Saftware and a second s
Location:	Hardware
Cuestion.	Uncument Titon
	()=her-
LCS in the select character matrix.	
6. After LCS connect was made be	tween two SRI's, the sending SRI operator
chose to use the control message option	on. Transmission of this message caused the
AMME to send a disconnect to both term	minals. A connect message was then sent and
another disconnect message was sent by	the AMME. Numerous other functions in the
SRI cause disconnects to be sent from	the AMME. These are not identified in the
Operator Manual or the SOR. Example:	If the receive terminal oresses reject bucton
s disconnect is accomplished.	
7. The LCS mode as sesigned is	est acceptable with the present operator proced-
The type of problems listed abo	we should be connected and documented before
Forther testing is accomplished on LCS	
	5. BXR-FH-4.5-030 , LED-FH-4.5-0025, OAK-4.5-025
CORRECTIVE ACTION:	DATE:
	The first of the state of the s
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VENDOR TEST BIRECTOR	GOVERNMENT TEST DIRECTOR

SCREPANCY SHEET	
rocedure:	Discrepancy No: 4.5-0025
12 25"Sep 78"	Software The XX
ttion: SSC	nardware Document2 13.00
	Uperator
ription of Problem: Mag Tape Recris	(Other
Unable to retrieve from Mag Tape	e by cate/time group.
TAD Discrepancies: BLT-4.5-073,	BXZ-4.5-020 LED-FH-4.5-0028 , OAK=4.5-0028
ective Action:	- Date:
P. T. 1	#833
Vaish	+ 1,03
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iścrepancy. Shee	7.			· · · ·	
cribing, Cluque	the Control				
Procedure:		Discrepan	cr No 4.5	-0026	
	-,	Software			
25 Oct 78		Hardware-	<u> </u>		
ation: SSC	There is a second	Document	Ton San San		
<del></del>		Other			
cription of Proble	m- "No Tape Rec	tieval by TOD Ti	ne Span		
Unable to retri	eve message from	mag tape by In	o time span.		
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um. Lagrand			والمحداث والمحدد المحدث والمحدث والمحدد المحدث والمحدد المحدد المحدد المحدد المحدد المحدد المحدد المحدد المحدد	وأحاضه والمناسب	. > <b>_</b> -
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		277_/: S_031			
on the same and th			D-FH-4.5-0029, OAB		
		3XR-4.5-03L, LE	D-FH-4.5-0029, OAB		
D Discrepancie	es: BLT-fH-108,		D-FH-4.5-0029, OAB		
D Discrepancie	es: BLT-fH-108,	ya e teya e a nigita ya	D-FH-4.5-0029, OAB		
D Discrepancie	s: BLT-fH-108,	ya e teya e a nigita ya	D-FH-4.5-0029, OAB		
D Discrepancie	s: BLT-fH-108,	ya e teya e a nigita ya	D-FH-4.5-0029, OAB		
D Discrepancie	s: BLT-fH-108,	ya e teya e a nigita ya	D-FH-4.5-0029, OAB		
D Discrepancie	s: BLT-fH-108,	ya e teya e a nigita ya	D-FH-4.5-0029, OAB		
D Discrepancie	s: BLT-fH-108,	ya e teya e a nigita ya	D-FH-4.5-0029, OAB		
D Discrepancie	s: BLT-fH-108,	ya e teya e a nigita ya	D-FH-4.5-0029, OAB		
D Discrepancie	s: BLT-fH-108,	ya e teya e a nigita ya	D-FH-4.5-0029, OAB		
D Discrepancie	s: BLT-fH-108,	ya e teya e a nigita ya	D-FH-4.5-0029, OAB		
D Discrepancie	s: BLT-fH-108,	ya e teya e a nigita ya	D-FH-4.5-0029, OAB		
D Discrepancie	s: BLT-fH-108,	ya e teya e a nigita ya	D-FH-4.5-0029, OAB		
and the same of th	s: BLT-fH-108,	ya e teya e a nigita ya	D-FH-4.5-0029, OAB		
ND Discrepancie	s: BLT-fH-108,	ya e teya e a nigita ya	D-FH-4.5-0029, OAB		

DISCREPANCY SHEET			-				
UIZCREFANCE SHEEL					•	· · · · · · · · · · · · · · · · · · ·	
Procedure:			Discresanc	y-10-31	4-5-002	7	
23-Nov 78			Software :				
cation: -SSC			hardware Oncument:	ion sal	· · · · · · ·		
			Ugeracor Other				
scription of Problem.	SET Docume	ntation					
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esage Rejectain advis							
marke relector on a	017 OH 194.						
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	-4 5-003ts	OAK-4.5-0	031				
REFERENCE: LED-TH							
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DISCREPANCY SHEET	75 70 170			
Procedure: DPT Tests 8 and	d 9	Discrepancy No:		
te: 9 pec 78	• • • • • • • • • • • • • • • • • • • •	Software 4.5	•	
cations females army Pen		hardware		
Laffarranny levy fan		Document: ion Doerator		
		Other		
scription of Problem: Inputs	THE DEL C	AMME WITH SECT	nty of T or A	<u> </u>
inhibited by DPI and job				this
and allowed T & A secur	ity to proce	ss to AMME_ AM	material Du	<b></b>
provided.		_		
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REF TAD Discrepancies: LED-	4.5-0039,			
	· · · /:	and the second	نسبب سبت	
rective Actions	14. 14. 14. 14. 14. 14. 14. 14. 14. 14.	Date:	and the second s	
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DISCREPANCY SHEET 4.5-0036 Discrepancy No: Software XX 14 December 78 hardware -Location: \_ LETTERKENNY 10ocument Description of Problem: Data messages, LMF CC or DD from DPI over CLI that format line four (ZNR/ZNY) and are coded for AFFE to insert TXTHR are processed as follows: AMMIE provides a TRC (ZNR/ZNY) and TXTHDR, and treats the DPT furnished format line four as textural data. On LMF of BB or II, the ZNR/ZNY, if furnished by user, will always be treated as data by AMME. TEF TAD Discrepancies: LED-FH-4.5-44, Car Currective Action: Date: Discussions with DPT representatives reveal that presently they do not an to use data messages with TXTADR's. If such a requirement becomes necessity in the future, the DPI representative agrees that the most fessible solution would be for the DPI software to strip the format line four prior to transmission over the CLI. They do not plan to icess any LMF B or I format with a format line 4.

VENDOR TEST CIRECTOR

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BISCREPANCY SHEET	
(Braceniting, Street 10. TOT TES TE	
Procedure: FILOTS ON COMT.	Discrepancy No: 4.5-0052
ate: 14 Jan 79	Software XX
ocation: Oakland.	Documents ion
	Other
escription of Problem: OCMI input w	ith a MTMS and 20V pilot are rejected for
invalid EOM due to card count in tr	ailer with the 20V added to the message.
Reference TAD Discrepancy OAK-FH-4	.5–0065
•	\$ ** 2 × 5 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1
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directive Action:	Date:
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VENDOR TEST STRECTOR	GOVERNMENT TEST DIRECTOR

SISCREPANCY SHEET	75 TP. 173)	CLOSED 7 ABA Z		
Procedure:	Discrepancy	No:4.5-0055		
Date: 24 JAN 79	Software X	х		
Location: SSC	Hardware Document:: Uperator Other	сп		
Description of Problem: Transmit				
System failed two times w		ERS traffic to ROTC.		
System ratios and draws in				
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Corrective Action:	Date:			
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DISCREPANCY SHEET	7. 70 1701
Procedure:	Discrepancy No: 4.5-0067
Date: 8 FEB 79	Software X
Location: SSC	Hardware Documents ion
	Uperator Other
Description of Problem: Message	annotation on SRT is incorrect.
	pe is off position.
100 1 1000000	o Para Para Para Para Para Para Para Par
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Corrective Action:	Date:
AMME SOFTWARE WAS CO	RRECTED To provide proper ANNOTATION
AMME SOFTWARE WAS CO 2 proper form feet To	PRICTEL TO Provide proper AMMOTATION OF PRICE PROPERTION
AMME SOFTWARE WAS CO 2 proper form feet To INSTRUCTIONS IN SRT MA	RRECTER TO PROVIDE PROPER ANNOTATION OF PROPERTION OF PROPERTION TO PROPERTY TO PROPERTY TO PROPERTY TO THIS PROBLEM TO
AMME SOFTWARE WAS CO 2 proper form feet To INSTRUCTIONS IN SRT MA	PRICTEL TO Provide proper AMMOTATION OF PRICE PROPERTION
AMME SOFTWARE WAS CO 2 proper form feet To INSTRUCTIONS IN SRT MA	RRECTER TO PROVIDE PROPER ANNOTATION OF PROPERTION OF PROPERTION TO PROPERTY TO PROPERTY TO PROPERTY TO THIS PROBLEM TO
AMME SOFTWARE WAS CO 2 proper form feet To INSTRUCTIONS IN SRT MA	RRECTER TO PROVIDE PROPER ANNOTATION OF PROPERTION OF PROPERTION TO PROPERTY TO PROPERTY TO PROBLEM TO
AMME SOFTWARE WAS CO 2 proper form feet To INSTRUCTIONS IN SRT MA	RRECTER TO PROVIDE PROPER ANNOTATION OF PROPERTION OF PROPERTION TO PROPERTY TO PROPERTY TO PROBLEM TO
AMME SOFTWARE WAS CO 2 proper form feet To INSTRUCTIONS IN SRT MA	RRECTER TO Provide proper AMUSTATION & SE. CARRAGE FORM Tope projection ANUAL ARC NOT VALID. This problem To
AMME SOFTWARE WAS CO 2 proper form feet To INSTRUCTIONS IN SRT MA	RRECTER TO Provide proper AMUSTATION & SE. CARRAGE FORM Tope projection ANUAL ARC NOT VALID. This problem To

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DISCREPANCY SHEET		(14 to 1 15 1720 74
- (Procenibing Directive: GGS TED 76 TP.	170)	
Procedure:	Discrepancy No	4.5-0069
Dete: 16 FEB 79	Software	
Location: SSC	Hardware	
Cacquion.	Operator Con	
	Other	
Description of Problem: TRC Requiremen	nts.	
AMME Operator Instruction Manual V	Volume II, Chapter	4, Section 3, Page 3-3,
Field 72-73, and Chapter 3, Section 1,	Page 1-10, Para 1	.3.7.
1. Based on the fact that TRC is	automatically gene	erated by AMME during RI/PLA
table look up and reformatting to JANAP	2128, or at output	of JANAP128. It is no longer
required that operators assign TRC at m	message entry or fi	rom the MART inputs on DD173
or on JANAP128.		
2 AMME complies with JANAP128(H)	Para 702h for Di	0173 massages after reformat-
ting and builds new headers and trailer		
(Routing), based on format line 7  3. AMME and MART Oberator Instru		
automatic TRC routing and validation.		
CORRECTIVE ACTION: .	DATE:	
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VENDOR TEST DIRECTOR		VERNMENT TEST DIRECTOR
VENDOR TEST DIRECTOR	- GO	VERNMENT TEST DIRECTOR

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DISCREPANCY SHEET	2.720)	
Procedure:	Discrepancy No: 4.5-0072	
Vate: 16 FEB 79	Software XX	
ocation: SSC	imardware Document: ion Document: ion Other	_
Description of Problem: SRT OSU Input		
	nserted blank lines between lines 42 - 43.	
ee attached comeback copy.		
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Ofrective Action:	Date:	
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DISCREPANCY SHEET	
-(Breecribing, Directive) CCC-TED-75-T	7. 179)
Procedure:	Discrepancy No: 4.5-0073
ate: 16 FEB 79	Software SRT XX
ocation: SSC	Hardware Documents ion
	Other
escription of Problem: SRT DD173 inp	put.
DD 173 input is correct on input	and in review mode on VDU. However,
nformation output (ed) to AMME was ca	aptured on Data Scope with errors in Header.
he same errors were captured on come	back copy after AMME reformatted. SB has the
ata on a cassette for your review.	Attached is a copy of the comeback copy.
*)	
orrective Action:	Date:

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DISCREPANCY SHEET	75 70 170
Procedure:	Discrepancy No: 4.5-0081
Date: 18 FEB 79	Software XX
Location: On Site Korea	Hardware Documents tion
02 0105 10102	uperator .
Description of Problem: Two Sect	Other SPECAT Vecasion
Two section SPECAT message is	nput from AMME message entry (CCVA): Section I not
delivered. Section 2 garbled he	ader. OSRI = RHAACVA0008 and 0009, JDA = 049.
Unable to retrieve Section 1. A	ble to retrieve Section by pan 14.
	•
corrective Action:	Date:
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VENDOR TEST DIRECTOR	GOVERNMENT TEST DIRECTOR
YENDUK TEST DIRECTUR	GUVERNMENT TEST DIRECTUR

DISCREPANCY SHEET	CCC TED 75 TO 170\
Procedure:	Discrepancy No: 4.5-0085
ate: pu MAR 79	Software
ocation: HEIDELBERG	Documentation XX
	Uperator Other
Description of Problem:	THE OPERATOR MANUAL NEEDS TO BE CHANGED TO REFLEC
THAT OTC OVER THE C	OUNTER DEVICES, CANNOT BE ALT-ROUTED TO MINT.
Corrective Action:	Date:
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DISCREPANCY SHEET	
(Proceribing, Directives CCC TED	78-77-179)
Procedure:	Discrepancy No: 4.5-0086
Date: 6 APR 79	Software XX
Location: HEIDELBERG	hardware Documentation
	Other
Description of Problem: THE SRI	T TRANSMITTED A CONTROL CHARACTER EMPEDDED
IN A BLOCK OF DATA. THIS C	AUSED THE SRT/AMME TO HANG UP WHEN THE
	RANSMITTED FROM THE AMME TO THE SRT.
HESSAGE CVIEDACE CVET MAS	NAMES OF TAXABLE PARTY OF THE STATE OF THE S
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	Date:
Corrective Action:	pate.

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DISCREPANCY SHEET	75. 70. 170)
Procedure:	Discrepancy No: 4.5-0087
Date: L APR 79	Software XX
<u> </u>	inardware
Location: HEIDELBERG	Documents ion
	Other
Description of Problem: THE AMME	OCCASIONALLY DUPLICATES DATA BEING RECEIVE
FROM THE SRT.	
Corrective Action:	Date:
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VENDOR TEST DIRECTOR	GOVERNMENT TEST DIRECTOR

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DISCREPANCY SHEET	75-70, 170)
Procedure:	Discrepancy No: 4.5-nnaa
Date: L APR 79	Software XX
Location: HETDEL BERG	hardware
Location: HETDEL RERG	Documents ion
• •	Other
Description of Problem: A SECTION	NED MESSAGE WAS SENT TO AMME FROM THE SRT
AFTER ACCEPTING MOST OF THE	MESSAGE, AMME SENT A STEADY WET TO THE SR
AFTER THIS - AMME REACTED THE	SAME TO ANY MESSAGE THAT WAS SENT FROM T
SRT. A RESTART WAS DONE TO	RECOVER
	•
Corrective Action:	Pate:
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DIS	CREPANCY SHEET		70 170	,
	Procedure:			Discrepancy No:
Date:	6 APR 79			Software XX
Locati	•	g		hardware Document::ion (Uperator Other
Descri	intion of Problem:	PORTIONS	OF THE	TEXT OF MESSAGES BEING TRANSMIT
				APPEARED ON THE CONSOLE.
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Corre	ctive Action:			Pate:
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DISCREPANCY SHEET	75 70 170
Procedure:	Discrepancy No: 4.5-nnan
Date: 6 APR 79	Software XX
Location: HEIDELBERG	Documentation
	(Uperator Other
Description of Problem: AMME DO	ES NOT PROVIDE SPACE FOR ENTERING THREE LIN
OF HANDLING INSTRUCTIONS, F	FORMAT LINE 12. THREE LINES ARE REQUIRED T
PROCESS TRAFFIC AT HEIDELBE	RG.
Corrective Action:	Date:
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VENDOR TEST DIRECTOR	GOVERNMENT TEST DIRECTOR

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DISCREPANCY SHEET	
DISCREPANCY SHEET	' <del>5 TP-179</del> )
Procedure:	Discrepancy No: 4.5-0093
Date: 10 APR 79	Software
Location: HEIDELBERG	Hardware Documents ion xx
/	Uperator 10ther
Description of Problem: TM ADVI	SORIES TH 24 THRU TH 29 ARE NOT IN THE
AMME OPERATORS MANUAL	
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Corrective Action:	Date:
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,	consequences
VENDOR TEST DIRECTOR	GOVERNMENT TEST DIRECTOR

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DISCREPANCY SHEET	
(Procemibing, Strewtive, SCC TED 7	5 17, 173)
Procedure:	Discrepancy No: 4.5-0092
Date: 10 APR 79	Software XX
Location: HEIDELBERG	Hardware Documents Hon
· ·	Operator
	Other
Description of Problem: THE DCT-	PODO GOES INTO A LOOP OCCASIONALLY WHILE
	RD TRAFFIC. A MANUAL RESTART OF THE
DCT-9000 IS REQUIRED TO CLEAR	THIS CONDITION.
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Corrective Action:	Date:
COFFECTIVE ACTION:	pate.
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DISCREPANCY SHEET	
(Procemibing, Directives CCC TED	78 19, 175)
Procedure:	Discrepancy No: 4.5-0093
Date: 10 APR 79	Software XX
	Hardware
Location: HEIDELBERG	Documents ion Operator
•	Other
Description of Problem: THE DC1	T-9000 WAS REMOVED FROM THE PROCESSOR BY
· i	OWN. THE AMME GAVE NO ADVISORY THAT THE
:	AMM. THE WHILE GWAF WA WATZAKI THE THE
- TIRA ITAVANI ZAN DODE-TO	
#	
Corrective Action:	Date:
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DISCREPANCY SHEET	TED 75 70 170\	
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Procedure:	Discrepancy No	: 4.5-0094
Date: 10 APP 79	. Software XX	
BU AFN CI	Haroware	
Location: HEIDELBERG	Documents ion Operator	
	Other	
Description of Problem: SY	STEM ABORTS OCCASIONALLY	DUE TO DOUBLE PUFFE
RELEASE.		
RELEASE:		
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Corrective Action:	Pate:	
COTTECTIVE ACCION:	pace.	

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DISCREPANCY SHEET	
(Proscribing, Directive: CCC TED 7	75 TO 179)
Procedure:	Discrepancy No: 4.5-0095
late: 16 APR 79	Software 🗶
ocation: HEIDELBERG	Hardware Document: ion
	Operator Other
Description of Problem: There	IS NO AUDIT trail between DO-1
	and Reject Notice on the service
Printer.	and here home by he service
Photos	
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Lorrective Action:	Date:
COFFECTIVE ACTION.	pate.
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VENDOR TEST CIRECTOR	GOVERNMENT TEST DIRECTOR

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## AMME HARDWARE DISCREPANCIES

AT THE CONCLUSION OF THE HEIDELBERG AMME SYSTEM TEST. THE FOLLOWING DISCREPANCIES WERE OUTSTANDING AND REFERRED TO UNIVAC FOR RESOLUTION:

- 1. RPQ W2409 IS MISSING ON ALL U200 SCOPES
- 2. THE DCT-9000 CARD PUNCH, OCCA DOES NOT NOTCH TRAILER CARDS. THE EDGE NOTCH FEATURE IS MISSING.
  - 3. THE SIDE PANEL, SN F1167R, OF THE DCT-9000 CAPD PUNCH, OCCA, CANNOT BE INSTALLED. THE WRONG ONE WAS SHIPPED. THE CORRECT ONE IS ON ORDER.
  - 4. THE KLEINSCHMIDT ADAPTER FOR THE DCT-9000 PAPER TAPE READER HAS NOT BEEN DELIVERED.

## AMME SYSTEM DEFICIENCIES

DURING THE HEIDELBERG AMMERSYSTEM TEST, THE FOLLOWING DEFICIENCIES WERE NOTED AND REFERRED TO THE PROJECT MANAGER FOR RESOLUTION:

- 1. THE SIDE PANEL OF THE 9400 HIGH SPEED PRINTER, SN 37E, IS BUCKELED AND BENT AT THE BOTTOM.
- 2. THE LOWER PANEL OF THE DLT-70, SN 346, IS DAMAGED.
- 3. THE LOWER PANEL IS MISSING FROM THE DCT-9000, SN 2427R.
- 4. THERE ARE NO MAINTENANCE DIAGNOSTICS AVAILABLE WITH THE 9400 PROCESSOR FOR THE DLT-70.
- 5. THE LOWER PANEL FOR THE 9400 UNIZERVO 16, SN F4897, WAS DAMAGED.

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	10 USC 2304(a)	Additional General Provinces	charbie if within the C. S., in ions apply: Supplier shall night SEX USE A3 & 281 P5210	"Accessance	or Poorto Dice: Il otherwise, " ca: DD Form 11551 one ress	2304(e)(6).	-		War dans, without his
	10 USC 2304(a)	(3) or as specified to the as Additional General Provision and APPED BATION TELL VI.	iero esply: Supplier etall niji CCN USE	-3112 S	or Poorto Dice: Il otherwise, " ca: DD Form 11551 one ress	2304(e)(6).			The second of th
	10 USC 2304(a)  11 construct  ACRN:	AA 21T2035 To Purchase of Site as list 0001CP, belowing S	AMMI Equipmen	= 3112 S	he Heidelberg	\$1,214,0	73.0	0.	la.
	10 USC 2304(a)  If described and ACRN:	AA 21T2035 To Purchase of Site as list 0001CP, below	AMME Equipmented in SUBLINS	= 3112 S	n Porto Ros: 11 observa.  200 Fore 1125-res res  280-3189762 -	\$1,214,0	73.0	0.	la.
	IO USC 2004(a)  II described Trade of ACRIV:  The second Trade of CRIV:	Purchase of Site as list 0001CP, belowing Simulation Fullowing Simulation Fullowing Simulation Following Simulation Fullowing Simulatio	AMMY Equipmented in SUBLINS	= 3112 S	he Heidelberg	\$1, 211, 0"	73.0	\$33,280.0	2 may 7
	OCOLAA	Purchase of Site as list 0001CP, beld Exhibit 5-1 U-9400 PROC. Storage 196	AMMY Equipmen ted in SUBLINS ow:	= 3112 S	through  FEATURE  3019-00 7010-75	\$1, 211, 0"  Superfront Comparison According to the compar	73.0	\$33,280.0	0 \$66,560. 0 501,682.
	OCOLAA OCOLAC OCOLAC	Purchase of Site as list 0001CP, belowing Staniolt 5-1 U-9400 PROC. Storage 196 Storage Exp	AMMY Equipmen ted in SUBLINS ow:  CON K 65K (196-262	= 3112 S	ne Heidelberg through  FEATURE 3019-00 7010-75 7010-72	\$1,214,0°	73.0	\$33,280.0 250,641.0 46,272.0	0 \$66,560. 0 501,682. 0 92,544.
	OOOLAA OOOLAB	Purchase of Site as list 0001CP, beld Exhibit 5-1 U-9400 PROC. Storage 196 Storage Exp	AMMY Equipmen ted in SUBLINS ow:  CON K 65K (196-262	= 3112 S	through  FEATURE  3019-00 7010-75	\$1, 211, 0"  Superfront Comparison According to the compar	73.0	\$33,280.0 250,641.0 46,272.0	c \$66,560. 0 501,682. 0 92,544.
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	OCOLAR COOLAR CO	Purchase of Site as list 0001CP, beld Exhibit 5-1 U-9400 PROC. Storage 196 Storage Exp Selector Chi	AMMY Equipmented in SUBLINS  OW:  CON  K  65K (196-262  Annel 1	= 3112 S LIES SERVICES  t for t  OOOLAA  Etract	De For 1150 or	\$1,211,0°	73.0 ea ea ea ea	\$33,280.0 250,841.0 46,272.0 7,830.0	\$66,560. 0 501.682. 0 92,544. 0 15,660.
	OCOLAD	Purchase of Site as list 0001CP, beld Exhibit 5-1 U-9400 PROC. Storage 196 Storage Exp Selector Chi	AMMY Equipmented in SUBLINS  OW:  CON  K  65K (196-262  Annel 1	= 3112 S LIES SERVICES  t for t  OOOLAA  Etract	De For 1150 or	204(aX6). \$1,211,0" concerto concerto 24 24 24 24	73.0 ea ea ea ea	\$33,280.0 250,641.0 46,272.0 7,830.0	\$66,560. 0 501.682. 0 92,544. 0 15,660.
	OCOLAD	Purchase of Site as list 0001CP, beld Exhibit 5-1 U-9400 PROC. Storage 196 Storage 196 Storage Exp. Selector Chi	AMNI Equipmen ted in SUBLINS ow:  CELLIS from Co  /CON  K . 65K (196-262  annel 1	t for t  OOOLAA  TATELOP AND	De For 1185-on To 1285-on To 1285	S1, 21.11, O'  S1, 21.11, O'  CONCERTO  A HUGHI  THE CONCERTO  E A. HUGHI  THE CONCERTO  THE CONCERT	73.0 ea ea ea ea	\$33,280.0 250,841.0 46,272.0 7,830.0	\$66,560. 501.682. 92,544. 0 15,660. \$1,244,073.
	OCOLAA OCOLAB OCOLAB OCOLAB	Purchase of Site as list 0001CP, beld Exhibit 5-1 U-9400 PROC. Storage 196 Storage 196 Storage Exp. Selector Chi	AMMY Equipmented in SUBLINS ow:  CELLUS from Co  /CON  K. 65K (196-262 annel 1	t for t  OOOLAA  TATELOP AND	De Form 1185-00 - 1185-00	\$1,211,0°	73.0 ea ea ea ea	\$33,280.0 250,841.0 46,272.0 7,830.0	\$66,560. 0 501.682. 0 92,544. 0 15,660.
	OOOLAA OOOLAA OOOLAA OOOLAA OOOLAA OOOLAA	Purchase of Site as list 0001CP, belo Exhibit F-1 U-9400 PROC Storage 196 Storage Exp Selector Chi	AMMY Equipmen  AMMY Equipmen  ted in SUBLINS  OW:  CELTIS from Co  /CON  K . 65K (196-262  annel 1	TATES OF AME	De For 1185-on To 1285-on To 1285	S1, 21.11, O'  S1, 21.11, O'  CONCERTO  A HUGHI  THE CONCERTO  E A. HUGHI  THE CONCERTO  THE CONCERT	73.0 ea ea ea ea	\$33,280.0 250,841.0 46,272.0 7,830.0	\$66,560. 501,682. 92,544. 0 15,660. \$1,244,073.
	OCOLAA OCOLAB OCOLAB OCOLAB	Purchase of Site as list 0001CP, belo Exhibit F-1 U-9400 PROC Storage 196 Storage Exp Selector Chi	AMNI Equipmen ted in SUBLINS ow:  CELLIS from Co  /CON  K . 65K (196-262  annel 1	TATES OF AME	De la 118 de la	S1, 21.11, O'  S1, 21.11, O'  CONCERTO  A HUGHI  THE CONCERTO  E A. HUGHI  THE CONCERTO  THE CONCERT	73.0 ea ea ea ea	\$33,280.0 250,841.0 46,272.0 7,830.0	\$66,560. 501,682. 92,544. 0 15,660. \$1,244,073.

REF NO OF DOC BEING CONTO STAND ARD FORM 36 JUNY 1966

GENERAL SERVICES ADMINISTRATION

FED PROC REG 161 CERT 116 109

CONTINUATION SHEET

DO NO. DAABO7-76-F-0487 Contract No. GS-000-00058 NAME OF OFFERDE DE CONTRACTOR SPERRY UNIVAC, Federal Systems CUANTITY UNIT UNIT PRICE AMOUN SUPPLIES/SERVICES Following SUBLINs from Contract Exhibit B-1 (Cont'd) FEATURE F1092-01 F1093-00 8573-00 F1396-00 5017-00 2 - 22 \$ 7,830.00\$ 15,66 1,960.00 3,92 - 0001AF Comm Adapter 2- ea | · OOOLAG | DLT-70 Autodin I/F 28,800.00 57,60 1,25 OOOLAH AUX Table 125.00 OOOLAJ Uniservo 16 Control. 5017-00

OOOLAJ Dual Access Operation F0899-99

OOOLAJ Channel F0825-00

OOOLAM Uniservo 16 (9 Track) 0862-04

OOOLAN U-16 Dual Access/Simultaneous F1319-00

OOOLAP Dual Access I/F C1609-02

OOOLAQ U-16 Dual Density F0937-01

(9-Trk NRZI) Uniservo 16 Control.
Dual Access Operation 1-22,825.00 0001AJ 22 1-17,866.00 17,86 2 - Ba 3,700.00 7,40 19,609.00 176,48 2,284.00 9 -20,55 22 NC 9 - Ba NC 2,448.00 2 ea | 4,89 OOOLAR Line Terminal Control 16 8575-01
OOOLAS Longitudinal, RED, Check Floo8-00
OOOLAT Line Term Synchronous (2 Spare) Floo5-98
OOOLAU CI 2053 (MIL 188) Floo2-08 (9-Irk NRZI) 2 - ea 2 - ea 21 - ea 21 - ea 22,185.00 44,37 3,47 1,735.00 49,8 2,375.00 600.00 565.00 30 44 =2 8543-00 3030-99 7007-08 Fll04-00 Fl001-00 18,00 OOOLAV Dir Conn Module DCT 9000 III Proc Printer 1-OOOLAW 32,500.00 32,50 OOOLAY Storage, 8K Bytes
OOOLAY Selector Mux/Channel ea 24,390.00 3,330.00 3,700.00 0001AZ 9300 Channel Adapter 0001BA Card Reader 0001BB Multi-Strobe Read 0711-00 F1097-00 0604-00 4,970.00 1,145.00 1-ea 9,920.00 9,9 0001BC | Card Punch F1174-00 0920-02 1,400.00 OOOLED | Edge Notch . 00013E Paper Tape Control 7,5 7,540.00 00013F Paper Tape Reader F1033-02 1,600.00 71033-02 71032-02 0768-02 01508-02 5,400.00 000133 Raper Tape Punch 52 46,545.00 0001EE Frinter and Control ez NC 1-00013J Print Selection 14. 0711-05 F1177-00 0604-00 F1174-00 F0826-00 -1-8,265.00 0001BK | Card Reader 9400 29 720.00 COOLEL Validity Check ez 1- ea | 2- ea | 9,920.00 9,9 0001BM Card Punch METOOO | Edge Notch 1,4 Dual Density (9TRK-NRZI 9,5 COCLEP 4,785.00 SLINs OOOLAA through OOOLBF-List Price (Table B-1) 456.7 35% Discount:

Net:

\$348.1

REF NO OF DOL BEING CONTO . STANDARD FORM 36, JULY 1966 Contract No. GS-000-00058 CONTINUATION SHEET GENERAL SERVICES ADMINISTRATION DO No. DAABO7-78-F-0487 NAME OF OFFEROR OF CONTRACTOR SPERRY UNIVAC, Federal Systems SUPPLIES/SERVICES QUANTITY UNIT UNI! PRICE MUCMA ITEM NO. Following SUBLINS from Contract FEATURE Exhibit 3-23 2 - ez \$ 2,300.00 \$ 4,600. 8 0 ~ 2,588.00 20,704. Tempest Kits, 5024-99/8425 RPQ-W2351 RPQ-W2409 000130 2,588.00 00013R U-200 Tempest Kit RPQ-W2528 FA 748.00 1,496. 2 2 OOOLBS CMA Tempest Kit 0001BT | Kleinschmidt Paper Tape 1+0 Vin 175. 175.00 FPQ-W2407 Rezder Adapter · \_1 \_ \_ ea \_ 275.00 275. 0001BU Kleinschmidt Punch Adapter RPQ-W1533 SLINs 0001BQ through 0001BU-list Frice (Table B-2B, No Discount): \$27,250. Following SUBLINs from Contract Exhibit B-20 39,330.00 | 39,330. 00013V Peripheral Switch, R52561/RPQ (Electrical Transfer W2467 Switch) SLTW 0001 - (Table B-2C, No Discount) \$39,330. Following SUBLINs from Contract FEATURE Exhibit B-4A 5024-99 F1043-00 2 - 148,348.00 96,696. 00013W 8425 Disk Control 3,700.00 7,400. 0001EX Dual Channel Control 2ea 59,760. ez OCCLEY 8425-00 4-114,940.00 Disc Drive 2,268.00 9,072. F2001-00 4ez 00013Z Dual Access Disk Drives 375.00 3,885.00 7,500. OOOLCA F1214-01 20 -Disk Pack ea F1012-00 7,770. 000103 Dual Channel \$188.195. SLINs 00013W through 0001CB-List Price (Table E-4A): 47.040 25% Discount: -5141,149.Net: Pollowing SUBLINs from Contract FEATURE Exhibit B-4B - OOOlCC U-200 Video Display Unit 8-3542-99 ez 4,278.00 34,224 GOOLED | 24 X 80 Screen Protected Format 02045-03 22 27.0 NC F1844-08 8 -OOOlCE Keyboard 4,376 25 547.00 COOLET | 96 Character Expansion F2044-01 6,232 779.00 F1245-01 8-- 0001CG Sync. I/F ea 4,152 519.00 Mill 188 1/F C1468-02 8 -0001CH 29 NC NC CMA Modules (2 Spare) F2382-00 10-000103 29 1,200.00 12,000 OOCLCK | CMA Cabinet & 1st CMA (RPQ W-2457) 8592-00 2-23 7,000 3,500.00 0001CL | CAU/8 Bit MIL 188 I/F (2 Spare) C2383-01 12 es NC

F0890-03

120,00

GOOLEM | DOT 9000 Storage Exp 4K (8-12K)

AFF NO OF DOC BEING CONTO SIANDARD FORM 36, JULY 1966 CONTINUATION SHEET Contract No. GS-000-00058 4 GENERAL SERVICES ADMINISTRATION DO No. DAABO7-78-F-0487 NAME OF OFFEROR OF CONTRACTOR SPERRY UNIVAC, Federal Systems ITEM NO. SUPPLIES/SERVICES QUANTITY TINU UNIT PRICE AMOUN RPQ ITEMS FEATURE Red and Black Site Installation RPQ-5001-22 CN ea \$4,900.00 \$4,900 Cables, 50 ft. 287-1358 29.25 234 SUPTOTAL

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		Phone: 201-5								Chan September 11 am
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10 USC 2304(a	X3) or as specified in the no Additional Constal Provision and APPOP 10.4710 (10.71)	of Perchase Order on DD Foundation of Perchase Order on DD Foundation of D	personations to	Paemo Rica: If et ca: DD Ferra 1155s	; and i thereties, su rank mass	dell'eury as (s-di- nder 2304(a)(6).	espiral.	• •		
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10 USC 2304(a)  If check ad  ACRN:	X3) or as specified in the no Additional Constal Provision and APPOP 10.4710 (10.71)	bodole If within the U.S., Ite one apply: Supplier shall side CA. USE	"Acceptance" -3112 S2	Paemo Rica: If et ca: DD Ferra 1155s	; and i thereties, su rank mass	dell'eury as (s-di- nder 2304(a)(6).	espiral.	0		
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10 USC 2304(a)  If described ACTION THE ACTION THE	Purchase of Site as list 000107, belo	AMY Equipment ed in SUBLINS	-3112 S2	Promo Rom: If of mar DD Form 1155r	con man	\$1,211,	73.0	0	r is segretated	ender authority i
10 USC 7304(a)  11 checked  ACTIVETING  ACTIVETING  17 Ear NO.	Purchase of Site as list 000107, belo	AMVE Equipment AMVE Equipment Substitute  AMVE Equipment  AMVE Equipment  AMVE Equipment	-3112 S2	28043T897	berg	\$1,211,	073.0	\$33,	280.00	\$66,56
10 USC 2304(a  11 check and D. ACCOUNTING  ACRN:  1784 NO.  0001	Purchase of Site as list 000107, belo EMMIDITE BL	AMVE Equipment ed in SUBLINS W:	-3112 S2	28043T897	there are the second se	\$1,211,	073.0	\$33,	280.00	\$66,56
OCOLAR	Purchase of Site as list 000107, belo Exploit B-1  U-9400 PROC/Storage 1961	AMVE Equipment ed in SUBLINS W:	3112 S2  is/services  t for th  OOOLAA	28043T897  The Heidel through  FEATURE 3019-00	62 -	\$1,211,	073.0	\$33, 250, 46,	280.00 841.00 272.00	\$66,560 501,680 92,54
OOOLAA OOOLAC OOOLAC	Purchase of Site as list 000107, belo Exploit B-1  U-9400 PROC/Storage 1960 Storage 1xx	AMVE Equipment ed in SUBLINS  CON  (CON  (	3112 S2  is/Marices  t for th  OOOLAA	Perco Box: 11 et al 28043T897  De Heidel through  FEATURE 3019-00 7010-75	berg	\$1,211,	073.0	\$33, 250, 46,	280.00 841.00 272.00	\$66,56 501,68 92,54
DI CONTROL OF THE OPEN ACEN:	Purchase of Site as list 000107, belo Exploit B-1  U-9400 PROC/Storage 1960 Storage 1xx	AMVE Equipment ed in SUBLINS  CON  CON  CON  CON  CON  CON  CON  C	3112 S2  is/services  t for th  OOCLAA	## DD Fore 11356  28043T897  Re Heidel through  FEATURE  3019-00 7010-75 7010-72 F1092-00	62 -	\$1,211,000 and 200 and	073.0	\$33, 250, 46, 7,	280.00 641.00 272.00 830.00	\$66,560 501,680 92,544 15,660
OOOLAA OOOLAC OOOLAC OOOLAD	Purchase of Site as list 000107, belo Punding Standont B-1  U-9400 PROC/Storage 1961 Storage 1961 Selector Cha	AMVE Equipment and in SUBLINS w:  CON  (CON  (CON (CON	3112 S2  is/Marices  t for th  OOOLAA	28043T897  28043T897	62 -	\$1,211,000 constant of the second of the sec	073.0	\$33, 250, 46, 7,	280.00 641.00 272.00 830.00	\$66,560 501,680 92,544 15,660
OCOLAA OCOLAD	Purchase of Site as list 000107, belo Exhibit B-1  U-9400 PROC/Storage 1961 Storage 1xp. Selector Character Storage 1xp.	AMVE Equipment and in SUBLINS w:  CON  (CON  (CON (CON	3112 S2  is/services  t for th  OOCLAA	28043T897	62 -	\$1,244,000 according to the second se	073.0	\$33, 250, 46, 7,	280.00 641.00 272.00 830.00	\$66,560 501,680 92,544 15,660
OCOLAA OCOLAD	Purchase of Site as list 000107, belo Exhibit B-1 U-9400 PROC/Storage 1961 Storage 1xp. Selector Cha	AMVE Equipment and in SUBLINS w:  CON  (CON  (CON (CON	3112 S2  is/services  t for th  OOCLAA	28043T897	62 -	\$1,244,000 according to the second se	073.0	\$33, 250, 46, 7,	280.00 841.00 272.00 830.00	\$66,560 501,680 92,544 15,660
OOOLAA OOOLAC OOOLAC OOOLAC OOOLAC	Purchase of Site as list 0001CP, belo Exhibit B-1 U-9400 PROC/Storage 1961 Storage Exp. Selector Cha	AMVE Equipment doll Six (CON)	# Account of "Account of "Account of the Table of Table o	28043T897	62 -	\$1,211,000 constant of the second of the sec	073.0	\$33, 250, 46, 7,	280.00 841.00 272.00 830.00	\$66,560 501,680 92,544 15,660
OCOLAA OCOLAD	Purchase of Site as list 0001CP, belo Exhibit B-1 U-9400 PROC/Storage 1961 Storage Exp. Selector Cha	AMVE Equipment and in SUBLINS w:  CON  65K (196-262  Linnel 1	# Account of "Account of "Account of the Table of Table o	## DD Fore 11359  28043T897  Re Heidel through  FEATURE  3019-00 7010-75 7010-72 F1092-00	62 -	\$1,244,000 according to the second se	073.0	\$33, 250, 46, 7,	280.00 841.00 272.00 830.00	\$66,560 501,680 92,544 15,660
OOOLAA OOOLAC OOOLAC OOOLAC OOOLAC	Purchase of Site as list 0001CP, belo Exhibit B-1 U-9400 PROC/Storage 1961 Storage Exp. Selector Cha	AMVE Equipment dell's from Con  CON  65K (196-262  Lanel 1	# Account of "Account of "Account of the Table of Table o	######################################	62 -	\$1,211,000 and the second seco	073.0	\$33, 250, 46, 7,	280.00 841.00 272.00 830.00	\$66,560 501,682 92,544 15,660
OOOLAA OOOLAA OOOLAA OOOLAA OOOLAA	Purchase of Site as list 000107, belo Exhibit B-1  U-9400 PROC/Storage 1961 Storage 1xp. Selector Cha	AMVE Equipment and in SUBLINS from SUBLINS from SUBLINS from Substance of Substance	#ACCURATION OF A TELES OF ANICES  THE CONTRACT	## DD Fore 11359  28043T897  Re Heidel through  FEATURE  3019-00 7010-75 7010-72 F1092-00	62 -	\$1,211,000 and the second seco	073.0	\$33, 250, 46, 7,	280.00 841.00 272.00 830.00	\$66,560 501,683 92,544 15,660
OOOLAA OOOLAA OOOLAA OOOLAA OOOLAA OOOLAA	Purchase of Site as list 000107, belo Exhibit B-1  U-9400 PROC/Storage 1961 Storage 1xp. Selector Cha	AMY Equipment ed in SUBLINS W:  CON  65K (196-262  Linnel 1	#ACCURATION OF A TELES OF ANICES  THE CONTRACT	######################################	62 -	\$1,211,000 and the second seco	073.0	\$33, 250, 46, 7,	280.00 841.00 272.00 830.00	\$66,560 501,683 92,544 15,660
OOOLAA OOOLAA OOOLAA OOOLAA OOOLAA OOOLAA	Purchase of Site as list 000107, belo Exhibit 5-1  U-9400 PROC/Storage 1961 Storage Exp. Selector Cha	AMY Equipment ed in SUBLINS W:  CON  65K (196-262  Linnel 1	#ACCURATION OF A TELES OF ANICES  THE CONTRACT	### Port 1155  ### 280#3T897  ### Heidel through  ###################################	Serg	\$1,211,000 and the second seco	073.0	\$33, 250, 46, 7,	280.00 841.00 272.00 830.00	\$66,560 501,683 92,544 15,660
ODOLAA OOOLAA OOOLAA OOOLAA OOOLAA	Purchase of Site as list 0001CP, belo EMMIDITE STORE 1961 Storage 1961 Storage Exp. Selector Character Cha	AMY Equipment ed in SUBLINS W:  CON  65K (196-262  Linnel 1	# ACCOUNTS TO THE CONTEST	######################################	Serg	\$1,211,000 and the second seco	073.0	\$33, 250, 46, 7,	280.00 841.00 272.00 830.00	\$66,560 501,683 92,544 15,660

STANDARD FORM 36, JUDY 1966 GENERAL SERVICES ADMINISTRATION FED PROC RED 141 CFRL 1-16 104

## CONTINUATION SHEET

Contract No. GS-000-00058
DO No. DAABO7-78-F-0487

2

NAME OF OFFEROE OF CONTRACTOR
SPERRY UNIVAC. Federal Systems

ITEM NO.	SUPPLIES/SERVICES		OUANITY	זואט	UNII PRICE	AMOU
	Following SUBLINs from Contract					
	Exhibit B-1 (Cont'd)	FEATURE				
0001AE	Selector Channel 2	F1092-01	2 -	ea	\$ 7,830.00	15,6
0001AF		F1093-00	2 -	22	1,960.00	
OOOLAG		8573-00	2-	ea	25,800.00	
OOOLAH	AUX Table	F1396-00	10-	ea	125.00	1,2
0001AJ	Uniservo 16 Control.	5017-00	1 -	Ea	22,825.00	22,8
OOOLAK	Dual Access Operation	F0899-99	1-	Ea	17,866.00	
OOOLAL	Dual Channel					
		F0825-00		22	3,700.00	7,1
0001AM	Uniservo 16 (9 Track)	0862-04	9-	ea	19,609.00	176,
0001AN			9 —	22	2,284.00	20,5
OOOLAP		C1609-02	9 —	ea	NC	NC
0001AQ	U-16 Dual Density (9-Trk NRZI)	F0937-01	2 -	Pa	2,448.00	4,8
OOOLAR		8575-01	2-	ea	22,185.00	44,3
OOOLAS		F1008-00	2 -	ea	1,735.00	
OOOLAT			21 -	ea	2,375.00	
OOOLAU	CI 2053 (MIL 188)	F1002-08	21-	ea	565.00	11,8
OOOLAU		8543-00	30 44		600.00	18,0
OOOLAW		3030-99	1			20,0
				ez	32,500.00	32,
XALOOO		7007-08	1-	ea	24,390.00	24,3
COOLAY		F1104-00	1 -	ee	3,330.00	3,3
0001AZ		F1001-00	1-	22	3,700.00	3,7
OOOLBA		0711-00	1-	ea	4,970.00	4,5
000133	Multi-Strobe Read	F1097-00	1-	ea	1,145.00	1,:
0001BC	Card Punch	0604-00	1-	ea	9,920.00	
0001BD	Eage Notch	F1174-00	1-	ez	1,400.00	1,
00013E	Paper Tape Control	0920-02	1 1-	ea	7,540.00	1,1
0001BF	Paper Tape Reader	F1033-02	1-	ea	1,600.00	1,6
000133	Paper Tape Punch	F1032-02	: :-	ea	5,430.00 46,545.00	5,
0001EE	Frinter and Control '	0768-02	! :-	62	46.545.00	46,
00013J	Print Selection	C1508-02	1 1-	ea	NC	1
0001BK		0711-05	1-1-	ez	8,265.00	5,2
0001BL		F1177-00	1-1-	ea	720.00	,
00013W		0604-00	1-	ez	9,920.00	9,9
OOOLEN			1 7	1	- 1	7,
	Edge Notch	F1174-00 F0826-00	2-	ea	1,400.00	1,1
00013P	Dual Density (9TRK-NRZI	10020-00	2	==	4,785.00	,304,8
	SLINs 0001AA through 0001BF-List	Price (Table )	B-1)			,,
	35	% Discount:				456.7

• ]		FORM 36, JULY 1966	CONTINUATION			vo.	S-00C-00058	PAGE OF
1	FED PROC REG 141 CFRI 1-16 101				DO No. DA	307	-78-F-0487	3 7
1		UNIVAC, Federa	1 Systems				,	
	ITEM NO SUPPLIES/SERVI				OUANTITY	זואט	UNIT PRICE	AMOUNT
		Following SUB Exhibit B-2B	LINs from Contract	FEATURE				
111	0001BQ 0001BR 0001BS 0001BT	U-200 Tempest CMA Tempest K	Kit it	RPQ-W2351 RPQ-W2409 RPQ-W2528 RPQ-W2407		FA FA	2,300.00 2,588.00 748.00 175.00	\$ 4,600.0 20,704.0 1,496.0 175.0
		Reader Adap	ter · /		- +0			7
7-	_0001BN	Kleinschmidt	- /	RPQ-W1533	1-1-	ea	275.00	275.0
1		SLINS 00013Q	through 0001BU-List	Price (Table	B-23, No I	isco	ount):	\$27,250.0
-		Following SUB Exhibit B-20	LINs from Contract					
	OOOLBV	(Electrical	itch, R52561/RPQ Transfer W2467 Swit (Table B-20, No Dis		1 -	2	39,330.00	39,330.0
			(00000)					\$39,330.0
- 1		Following SUB Exhibit B-4A	LINs from Contract	FEATURE				
7-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	00015W 00015Z 0001CA	8425 Disk Con Dual Channel Disc Drive Dual Access D Disk Pack	Control	5024-99 F1043-00 8425-00 F2001-00 F1214-01	2 2 4 4 20	ea ea ea	48,348.00 3,700.00 14,940.00 2,268.00 375.00	96,696.6 7,400.6 59,760.6 9,072.6 7,500.6
3	000103	Dual Channel		F1012-00	2 -	ea	3,885.00	7,770.
		SLIN: 00013W	through COOLCE-List	Price (Table	<b>事</b> +A):	1		188,198.
				25% Discount: Net:			3	141,149.
,		Following SUB Exhibit B-4B	LINs from Contract	FEATURE				
	0001CF 0001CG 0001CH	Keyboard 96 Character: Sync. I/F Mill 188 I/F	n Protected Format Expansion	3542-99 C2045-03 F1844-08 F2044-01 F1245-01 C1468-02	11111	ea ea ea ea	4,278.00 NC 547.00 779.00 519.00 NC	34,224. NC 4,376. 6,232. 4,152. NC
	OOOJCH OOOJCH OOOJCH	CAU/8 Bit MIL DOT 9000 Stor	2 Spare)     1st CMA (RPQ W-2457     188 I/F (2 Spare) age Exp 4K (8-12K) through OOOLCM (List	C2383-01 F0890-03	10	ea ea ea	1,200.00 3,500.00 NC 15,120.00	12,000. 7,000. NC 15,120. \$63,104.

PFF NO OF DOC BEING CONTO SIANDARD FORM 36 JULY 1966 Contract No. GS-000-00058 4 CONTINUATION SHEET GENERAL SERVICES ADMINISTRATION FED PROC REG (4) CFR; 1-16 104 DO No. DAA307-78-F-0487 NAME OF OFFEROR OF CONTRACTOR SPERRY UNIVAC, Federal Systems UNIT PRICE ITEM NO. QUANTITY UNIT AMOUN! SUPPLIES/SERVICES RPQ ITEMS FEATURE RPQ-5001-22 CN Red and Black Site Installation ea \$4,900.00 \$4,900. CP Cables, 50 ft. 287-1358 29.25 ea 234. SUBTOTAL \$5,134. 2000 Seven months of Full Period Maintenance (FRM) of AMME System (Heidelberg Site) as set forth in SUBLINS 0002AA through 0002CP below, starting on or about 1 January 1979: TABLE B-1 FEATURE QUANTITY U-9400 PROC/CON 0002AA 3019-00 . 2 mo's.\$ 422.00 \$ 2.954. 0002A3 Storage 196K 7010-75 2 3,006.00 21,042. Storage Exp, 65K (196-262) 2 2 0002AC 7 3,206. 7010-72 458.00 Selector Channel 1 77 11 0002AD F1092-00 94.00 658. 2222011229 1 11 0002AE Selector Channel 2 F1092-01 94.00 658. 7 COCCAF 14.00 Comm Adapter F1093-00 95. 0002AG DLT-70 Autodin I/F Aux Table 7 8573-00 190.00 1,330 0002AH 7 F1396-00 NC NC 0002AJ Uniservo 16 Control 1 11 147.00 1,029 5017-00 7 7 0002AK 812 Dual Access Operation 116.00 F0899-99 \*\* 0002AL F0825-00 ٠ 44.00 Dual Channel 308 Uniservo 16 (9 Track) 0002AM 7 4,131.00 | 28,917 0862-04 U-16 Dual Access 459.00 00024N F1319-00 3,213 Simultaneous 000247 Dual Access I/I 01609-02 7 NO U-16 Dual Density 1 \*\* 2 0002AQ F0937-01 102.00 714 (9-Trk NRZI) 0002AR Line Terminal Control 16 7 8575-01 2 282.00 1,974 0002AS Longitudinal Red, Check F1008-00 \*\* 18.00 2 7 126

F1005-98

F1002-08

8543-00

3030-99

7007-08

F1104-00

F1001-00

F1097-00

0711-00

0604-00

0920-02

F1174-00

7

7

21

21

30

1,197.00

273.00

NC

306.00

81.00

14.00

21.00

57.00

141.00

NC

39.00

7.00

8,379

1,911

2,142

NC

98

NC

273

0002AT

0002AU

00024V

0002AW

0002AX

0002AY

000242

AES000

0002BB

0002BE

000230

Line Term Synchronous

CI 2053 (MIL 188)

Storage, 8K Bytes

Selector Mux/Channel

9300 Channel Adapter

Multi-Strobe Read

Card Punch

Paper Tape Control

DCT 9000 III PROC Printer

Dir Conn Module

(2 Spare)

Card Reader

0002BD | Edge Notch

	FORM 30, JULY 1906 VICES ADMINISTRATION EG 141 CFR) 1-10 104	CONTINU	ATION SHEET	C		o. G	78-F-0187	5 7
	UNIVAC, Federa	1 Systems					1 .	
ITEM NO.		SUPPLIES/SERVICE	s		OUANIITY	וואט	UNIT PRICE	AMOUNT
0002BJ	Print Selectic	on, 96	FEATURE OF	JANTITY 1	7	n	NC NC	NC
0002BK 0002BL 0002BM 0002BN	Character ASC Card Reader 94 Validity Check Card Punch Edge Notch Dual Density	11 +00 \$	0711-05 F1177-00 0604-00 F1174-00 F0826-00	1 1 1 2	7 7 7 7	" " "	\$ 117.00° NC 141.00 NC 44.00	\$ 819 NC 987 NC 308
0002BQ 0002BR 0002BS 0002BT	Tempest Kits, U-200 Tempest CMA Tempest K Kleinschmidt Reader Adapte Kleinschmidt	Kit it Paper Tape r	RPQ-W2351 RPQ-W2409 RPQ-W2528 RPQ-W2407	2 8 10 1 UANTITY	7 7 7 .7.	" " " " " " " " " " " " " " " " " " " "	NC NC NC	NC NC NC
VES000	Peripheral Sw (Electronic T Switch))		R52561/ RPQ W2467	1	7	"	121.00	841
00025W 00025X 00025Y 00025Z 00020A	8425 Disk Con Dual Channel Disc Drive Dual Access D Disc Pack Dual Channel	Control isk Drives		PARTITY  2 2 4 4 20 2 2 2 2 TANTITY	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		910.00 44.00 496.00 - 56.00 NO 50.00	6,370 300 3,47: 392 NO 35
						"		
0002CD 0002CE 0002CF 0002CH 0002CH	U-200 Video D 24 X 80 Scree Keyboard 96 Character Sync. I/F Mill 188 I/F CMA Modules ( CMA Cabinet & (RPQ W-2457)	n Protected Expansion 2 Spare)	3542-99 C2045-03 F1844-06 F2044-01 F1245-01 C1468-02 F2382-00 8592-00	00000000000000000000000000000000000000	7 7 7 7 7 7		424.00 NC 16.00 NC 56.00 NC 32.00	NC 112 NC 392 NC
0005CT	CAU/8 Bit MII	, 188 I/F	c2383-01	12	7	"	NC	NC
0002CM	(2 Spare) DCT 9000 Stor (8-12K)	ege Exp 4K	F0890-03	1	7		29.00	203

STANDARD FORM 36, JULY 1966 GENERAL SERVICES ADMINISTRATION FED PROC REG (A) CFRI (-) 6 104

## CONTINUATION SHEET

Contract No. GS-000-00058 6

NAME OF OFFERDE OF CONTRACTOR

SPERRY UNIVAC, Federal Systems

ITEM NO.	SUPPLIES/SERVICES	OUANTITY	UNIT	UNIT PRICE	AMOUN!
0003	Maintenance outside of Full Period Maintenance on an on-call basis.	111	ars	\$36.00	\$3,996.0
	All above CLINs chargeable to the following Administrative Data:			· ·	
-	PRON: 18-T-89762-18-CA/O1 IPD: 02 ACRN: AA	<u> </u>			
	NOTES:				
	1. Delivery Schedule:				
	CLIN 0001 - 10 Months after Contractor's redesires earlier deliveries, if to deliver within 3 months after	possible.	C	entractor sh	
	CLIN 0002 - Maintenance to start on or abou	t l Janua	-y:	979.	
	CLIN 0003 - As called for after installation	n and acc	epta	rce of CLIN	0001.
	2. Shipping Instructions:				
	Contractor shall ship all components to Spetor Packing and Packaging, then components to McGhee Tyson AFBKnoxville, TN. All 43D Signal Battalion Campbell Barracks ATTN: CCE-Y-HO Building 22, Heidelberg, FRG M/F: 5th Signal Command Taukehen Barracks, Worms FRG POI 50T05134PT003 (DoDAAC:WK4FJS)	shall be	shi	pped by Army	Truck
	3. FOB: CLIN 0001 - ORIGIN CLIN 0002 - DESTINATION CLIN 0003 - DESTINATION			•	

REF NO OF DOC BEING CONTO STANDARD FORM 30, JULY 1900 Contract No. GS-000-00058 CONTINUATION SHEET GENERAL SERVICES ADMINISTRATION FED PROC REG IAI CERTI-10 104 DO No. DAABO7-78-F-0487 NAME OF DEFEROR OF CONTRACTOR SFERRY UNIVAC, Federal Systems SUPPLIES/SERVICES QUANTITY ITEM NO. UNIT UNIT PRICE AMOUNT NOTES (Cont'd) 4. The Government waives compliance with tempest qualification of the above equ ment (CLIN 0001) as required by paragraph 4.3.3 of the contract specification until 31 May 1979 (Subject to Government meeting document review schedules). All other rights and remedies of the Government in connection with the afore mentioned delay in tempest qualification, including all rights to damages by reason thereof, whether provided by law or under the contract, are reserved. 5. Payment Discount. The following payment discount applies to CLIN OPOL: 2% 1 withw20 days after receipt of invoice. Terms for CLINS 0002 and 0003 are NI



















